
MUHAMMAD FIKRI BIN MASDAR

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PROFILE

A **Process & Equipment Engineer** (more than **3 years experiences**) and also a certified **IPC trainer for J-STD-001** who is keen to find an engineering position in your company. Currently entitled as Process & Equipment Engineer in **OSI Optoelectronics Malaysia** and mostly get **hands-on job with various types of machines**. Eager to learn new things, fast learner, able to work under pressure, on own initiative or as a part of a team and communicate with others confidently. **Possess own transport (car)**.

OBJECTIVE

To obtain an engineering position where I can use and enhanced my knowledge, skills, interest and experiences to contributes towards company development.

PERSONAL DETAILS

IC No.: 890424-01-6135

Marital Status: Married

Age: 27

Date Of Birth: 24th April 1989

Gender: Male

Race: Malay

Religion: Islam

Nationality: Malaysian

Qualification: Bachelor's **Degree of Engineering (Electrical-Microelectronics)** of Universiti Teknologi Malaysia (2008-2012)

Current Position:

1. **Process & Equipment Engineer** at OSI Optoelectronics Malaysia
2. **IPC Trainer for J-STD-001** at OSI Optoelectronics Malaysia

Applied Position: Engineer

Current Salary: RM2651

Expected Salary: RM2800

ADDITIONAL CONTACT INFORMATION

Mailing Address:

Home No. : 03-89280001

No. 22, Jalan 4/5L,
43650, Bandar Baru Bangi,
Selangor Darul Ehsan.

****willing to work in KL/Selangor***

PROFESSIONAL EXPERIENCE

OSI Optoelectronics Malaysia as Process and Equipment Engineer (July 2012 to present)

1. **Setup and programmed machines** for new production line or products such as:
 - I. **CMM (Coordinate measuring machine) Mitutoyo**
 - II. **Palomar 8000 (gold wire bonder) machine**
 - III. **ASM AD896 (auto die-attached) machine**
 - IV. **WinWerth measuring machine**
 - V. **Optical Gaging Products (OGP) Smartscope machine.**
 - VI. **ASM AB559A (wedge bonder)**
 - VII. **Quick Robotic Soldering machine, Niton XL2 GOLDD X-ray Fluorescence (XRF) analyzer, ASM Eagle 60 gold wire bonder machine, Shinkawa UTC-100 (gold wire bonder) machine, ASM AD520A wedge bonder machine and Datacon 2200 evo auto die-attached machine.**
2. **Experienced in high frequency of machine conversion** (change product).
3. **Optimize machine performance** and efficiency to minimize machine downtime, maximize yields and quality of production.
4. Troubleshoot and **diagnose process** and **equipment issues** and creates **corrective actions**
5. Involve in **jig's design**.
6. Machine **troubleshooting & repairing**:
 - I. Responsible to troubleshoot any machine failure or breakdown (machine's hardware and software) with maintenance team and getting support from machine's vendor through online or any other ways possible to get the equipment fixed as soon as possible to avoid production line down.
7. Involve with machine **installation**.
8. Preparing **Installation Qualification and Operational Qualification Validation Report**.
9. Preparing **Work Instruction (WI)** of machine and process line for operators and technicians guide.
10. Performing machine **preventive maintenance**.
11. Preparing **Preventive Maintenance Checklist, Preventive Maintenance schedule** for machine preventive maintenance activity.
12. Involved with new **process line setup** and **process line improvement**.
13. **Conduct machine operation training** for technician and machine operators.
14. Experienced as **English to Bahasa translator** in in-house Radiation Safety Awareness Training.
15. Currently been **certified as an IPC (Association Connecting Electronics Industries) Trainer for J-STD-001**.
16. Liaise with machine's vendor for **after sales activity** such as spare parts ordering, machine breakdowns and training.
17. I am an **ERT (Emergency Response Team) member** of my company.

SKILLS

1. Fast learner in **machine setup and software**.
2. Certified **IPC (Association Connecting Electronics Industries) Trainer for J-STD-001**.
3. Certified to read and understand **Geometric, Dimensioning and Tolerancing drawing (GD&T)**

4. Able to work with **CMM (Coordinate measuring machine) Mitutoyo**.
5. Attends Training Course on **Radiation Safety Awareness by Nuclear Malaysia Agency** (2013)
6. Attends **ISO 9001:2008 Quality Management System Requirement** Course (2012)
7. Attends **ISO 14971:2012 Application of Risk Management to Medical Devices** Course (2013)
8. Attends **Effective Application Design of Experiment (DOE)** Course (2014)
9. Able to works under less supervision and can be as part of a team.
10. Able to communicate and do presentations in Malay and English confidently.

COMPUTER SOFTWARE LITERACY

1. **Solidworks 2012 (basic)**
2. **PLC Mitsubishi software (basic)**
3. **Basic C++ programming (basic)**
4. **Quartus II,**
5. **Tanner Tools.**
6. **Microsoft Office (word, power point, excel)**

***High interest in PLC programming and CAD software. Willing to learn more and apply it into daily job tasks.*

REFERENCES

1. **Name:** Narayanan Ramachandran
Relationship: Superior
Phone No.: 012-7331676
E-Mail: nnarayanan@osioptoelectronics.com
Position Title: Engineering Director
Company Name: OSI Optoelectronics Sdn Bhd
2. **Name:** Sebastian Kuruvankamel Joseph
Relationship: Superior
Phone No.: 014-3197101
E-Mail: SKuruvanmakelJoseph@osioptoelectronics.com
Position Title: Technical Service Principal Engineer
Company Name: OSI Optoelectronics Sdn Bhd
3. **Name:** Sethuramalingam Suresh
Relationship: Superior
Phone No.: 012-7385510
E-Mail: ssuresh@osioptoelectronics.com
Position Title: Manufacturing Engineering Manager
Company Name: OSI Optoelectronics Sdn Bhd