**GopinathanMuthaiyah**

Email: gopi\_uni10@yahoo.com

Mobile Phone: 019-4436875

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|  | **PERSONAL PARTICULARS** | |  |
| Identity Card No. | : 800325-14-5079 | Age | : 34 Years Old |
| Nationality | : Malaysian | Date of birth | : 25th Mac 1980 |
| Marital Status | : Married | Sex | : Male |
|  | **EDUCATIONAL PROFILE** | |  |

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| --- | --- | --- |
| 2010 – 2013 |  | : Master in Mechanical Engineering (Full Research) |
| GPA |  | : **3.67** |
| University |  | : University TenagaNasional , Serdang , Selangor |
| 2003 – 2006 |  | : Bachelor of Engineering (Mechanical Engineering) |
| CGPA |  | : **3.49** |
| University |  | : University TenagaNasional (UNITEN), Serdang, Selangor |
| 1999 – 2002 |  | : Diploma in Mechanical Engineering |
| CGPA |  | : **3.50** |
| Polytechnic |  | : Ungku Omar Polytechnic , Perak |
| 1997 – 1998 |  | : Sek. Men.Keb. Methodist. TlkDatok , Sel. |
| Academic Results | | : PMR : 5A & 3B , SPM : 24 Agg |

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| **Position** |  | **: Equipment EngineerWORKING EXPERIENCE** |

**Company : Uniten R&D SdnBhd Position: Research Engineer**

**Period : June 2010 until Present Job Type: Contract Basis**

**Responsibilities:**

1. Managing R&D projects that awarded to UNITEN and closely monitor and update project progress to project team leader and ensure the project accomplish on time and meet customer requirements.
2. Responsible and experienced in preparing technical specification for procurement process and evaluated tender documents.
3. Provide technical support to vendor during test and commissioning and troubleshooting machine and prepare technical report to project leader.
4. Responsible to develop and maintenance plan for equipment and lead maintenance activities with technicians
5. Experience in operating microturbine Capstone C30 with minimum supervision and also involved in microturbine maintenance and troubleshooting with manufacturer.
6. Assisted degree students for final year project and provide technical guidance and involved in engineering analysis and provide technical solutions.
7. Calibrate all test instrumentation and sensors according to given time interval and update documentations for auditing purpose.
8. Closely liaise with suppliers and contractors to ensure the work or product delivered as original specifications.
9. Develop standard operating procedure for new equipment or machine and provide internal training for technicians.
10. Perform factory acceptance test (FIT) and site acceptance test (SIT) for equipment or machine to ensure it has been build and fabricated according to standard specification and able to perform specified tasks.
11. Evaluate and approve completed project based on selected criteria for finance approval and feedback to contractor if need amendments or changes.

**Company : NEC Semiconductors Malaysia Position: Equipment Engineer**

**Period : Jan 2010 until June 2010 Job Type: Permanent**

**Responsibilities:**

1. Responsible to develop preventive maintenance plan for machines and execute the maintenance activities effectively to increase machine reliability and prevent breakdowns.
2. Implemented parts life analysis program to continuously review and improve life span of spare parts to optimize the life span of spare parts and reduce expenditure cost.
3. Hands on experience in trouble shooting for high speed pneumatic lead cut machine during breakdown.
4. Responsible to prepare standard operation procedure and troubleshooting guideline for technical team for effective trouble shooting to achieve minimum downtime.
5. Work closely with production team members and QC department to reduce customer complaints due to machine malfunction and response quickly to rectify the problem.

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| **Company** | **: MegasteelSdnBhd** | **Position: Mechanical Executive** |
| **Period** | **: From Dec 2006 to Jan 2010** | **Job Type: Permanent** |

**Responsibilities:**

1. Take the lead role as Maintenance Engineer and maintain all mechanical equipment and machineries from mechanical breakdown and minimize downtime to achieve maximum productivity.
2. Coordinating preventive maintenance activities and systematically records all maintenance activities and breakdowns using CMMS systems.
3. Introduce new work order and review existing work order in CMMS system according to actual plant condition.
4. To liaise with contractors and suppliers in order to carry out new projects and spare part procurements in-line with design specifications.
5. Responsible to arrange sufficient man power during preventive maintenance and plant breakdown due to mechanical failure.
6. Experience in managing group of technicians effectively to meet company targets and increase plant reliability through effective maintenance strategy.
7. Engage closely with Production and Electrical section to identify any mechanical problems and take immediate actions.
8. Modified SOP (Standard Operation Procedure) according to the actual plant condition and provide in house training for technicians to practice the new (SOP).
9. Responsible to generate monthly report to section head which is comprises of maintenance activities, breakdown reports, urgent spare parts list , upcoming projects and pre-maintenance planning, estimated budget and required man power.
10. Hands on experience in trouble shooting hydraulic system and have good knowledge in installing work roll bearing, servicing hydraulic cylinders, hydraulic pumps, recirculation pump, gear pump and heat exchanger.
11. As a member of safety committee, responsible to introduce safety procedure and guidelines for all employee and educate them through in house training.
12. Re-designing original spare parts in terms of material, design specification to extend life span of the respective parts.
13. Ensure sufficient spare parts for maintenance activities and unexpected breakdowns. Experience in prepare purchase order and work closely with purchasing departments to get spare parts.

**Company : MegasteelSdnBhd Position: Senior Technician**

**Period : Dec 2002 to Nov 2003 Job Type: Permanent**

**Responsibilities:**

1. Closely monitor on troubleshooting and rectifying problems during plant commissioning period. E.g. Coordination with commissioning engineer and involves in process and engineering support during plant startup.
2. To undertake process on installations for soaking furnace and mill stand which include steel structures, water pump, bearing, hydraulic/pneumatic cylinder, hydraulic valve, compressed air piping, water piping and all control systems according to specification by machine suppliers
3. Actively involved in planning and scheduling of maintenance, breakdown, shutdown and preventive maintenance to ensure that plant equipment such as hydraulic/pneumatic cylinders, AGC, CVC and Looper control valves are well maintained.
4. To generate daily and weekly reports on downtime, production, material and utility consumption and spare parts inventory.
5. Experience in developing contingency plan to cope with uncertainties of failure on system during production.

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| **PROFESSIONAL EXPERIENCE** |

**Company : Uniten Energy S/B Position: External Consultant**

**Period : Sept 2013 until Dec 2013**

**Responsibilities:**

Assigned to draft and develop comprehensive National guideline on Biogas Power Plant performance Assessment and Installation for the Feed Tariff (FiT) application in Malaysia for biogas plant owners or stakeholders.

**Achievement:**

Successfully developed and presented National guideline on Biogas Power Plant Performance Assessment and Installation to Sustainable Energy Development Authority (SEDA) on behalf Energy Institute Malaysia (EIM).

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| **AWARDS AND ACHIEVEMENT** |

* + **Dean’s List**( Semester 1, Year 2004/2005)
  + **Dean’s List** ( Semester 2, Year 2005/2006)
  + **Dean’s List** ( Semester 1, Year 2006/2007)
  + **Selected** for **Student Mobility Program in Germany** (University of Applied Science, Aachen, Germany) for 3 months Duration.

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| **SKILLS** |

**AutoCad 2010 – Beginner**

**MS Windows – Word, Excel, Power Point**

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| **LANGUAGES** |

Proficiency (Best=10 - Worst=1)

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| **Language** |  |  |  |  |
|  | ***Spoken*** |  | ***Written*** |  |
| English |  | 10 |  | 9 |
| Bahasa Malaysia |  | 10 |  | 10 |
| Tamil |  | 10 |  | 10 |

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| **SALARY AND OTHER DETAILS** |

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| Expected Salary | : RM 5500.00 ***(Negotiable)*** |  |  |
| Joining Date | : 1 Month Notice |  |  |
| Willing to Travel | : Up to 60% |  |  |
| Previous Salary | : RM 3300.00 |  |  |
| **Academic Referee** | **REFEREES**  : Ir.KumaranPalanisamy  Senior Lecturer |  |  |
| College Of Engineering, (Mechanical Engineering)  University TenagaNasional  Mobile: 016-2552315 | | |

**Professional Referee :** Ir.Nazrain Bin MuhdNassri

Managing Director UNITEN Energy S/B

Lot No.17, PusatKomersil

University TenagaNasional

Jalan IKRAM-UNITEN

43000 Kajang, Selangor.

Mobile : 012-4778347

**Professional Referee** : Mr.Goh Hock Seng

Senior Executive, Megasteel S/B

Hot Strip Mill (Mechanical Dept)

KawasanPerindustrianOlakLempit

42700 Banting , Selangor

Mobile: 012-7155439