**MAGENDRAN S/O SOMASUNDRAM**

# **Contact Info**

Address : No 21, Lorong Kendi 6, Kawasan Perniagaan Taman Merak, 14100

Simpang Ampat, Pulau Pinang. Malaysia.

Mobile No : 019-4400905

Email : [smagendran@hotmail.com](mailto:smagendran@hotmail.com)

Career Objective

To successfully achieve higher personal goals while meeting new and exciting challenges

Summary

I’m a Manager with more than 16 years of working in all level and area. I started my career as a technician in 1996 as an equipment maintenance technician and currently I’m a Facility and Equipment maintenance operation manager. Attained vast experience in all operation aspect of manufacturing industry. Being the pioneer start up team in one of the world class Solar Cell manufacturing company, I had the privilege and opportunity to design the whole maintenance team from scratch to a successful 3rd year running.

## **Educational Background**

### Highest Education

Level : Masters

Field of Study : Business Administration

University : University Utara Malaysia

Grade : CGPA 3.26

Year : October 2009

**2nd Highest Education**

Level : Bachelor of Science Degree

Field of Study : Engineering

Major : Electrical Electronic

Grade : 2nd Class

University : Paramount University of Technology

Located In : Wyoming, USA

Year : July 2006

**3rd Highest Education**

Level : Diploma

Field of Study : Electrical Electronic Engineering

Grade : 2nd Class Upper

University : Midas Institute of Technologies

Located In : Butterworth, Pulau Pinang

Year : October 1995

## **Employment History**

1. Company Name : Q-Cells (M) Sdn Bhd

Position Title : Manager **FEM Operation Manager**

Department : Facility and Equipment Maintenance Operation

Date Joined : Dec 2008

Until : Present

Specialization : Manage all aspect of maintenance/facility operation organization

Job Description : Man power planning, hiring, training, placing, review and career

development. Budget department spending, manage optimal spare

and wear part, ensure process and facility machine stability with

routine, plan and preventive maintenance activity. Lead continues

improvement and cost saving projects. Complying to all legal and

safety aspect.

**Technical part:**   
  
 - Lead and coach a teamscovering all Facility

equipment/system(Mechanical &Electrical, Chemical &Gas, DIW& IETS) and process equipment

* + Held regular team meetings to coordinate and prioritize the team tasks (manufacturing, process and equipment engineering involved)
  + Escalate in case of delays or conflicts according to escalation chart
  + Drive facility and maintenance engineers/technician to meet each individual and team goals
  + Have regular reviews on engineers/technician and team performance

**Production and facility Equipment/system Ownership and responsibility:**

* + Maximum machine availability and minimum downtime for production Organize preventative maintenance and repair of production and Facility equipment/system and optimize maintenance schedules
  + Optimization of maintenance procedures and maintenance strategy
  + Creating maintenance instructions, out of control procedures and BKM's
  + Training, certification and further education/ development of staff skills
  + Stable equipment using SAP, SPC to detect trends
  + Vulnerability analysis and detailed troubleshooting
  + Ensure reliable equipment performance (Tool-Matching)
  + Instructing / teaching and managing of vendor/contractor service personnel
  + Making optimal use of its own and third party maintenance service
  + Ensure gapless documentation of work and changes done at the production equipment (in terms of parameter, hardware and software changes)
  + Planning and implementation of upgrades, alterations or retrofits to the machines
  + Work together with manufacturing and shift maintenance as well as process and equipment engineering to prioritize the “down” equipment
  + Compliance with prescribed calibration schedules (measuring components)

**Optimal spare parts supply**

* + Contact for spare parts dispatchers (Logistics dept.)
  + Definition of material requirements, material master data, material availability
  + Setting of minimum stocks
  + Identify and use potential "alternative source" parts, suppliers
  + Planning and controlling of costs and spare parts consumption
  + Minimal cost with best quality (matching equipments, reduced scrap, etc.)
  + Trigger and tracking of "Down" - deliveries (down orders)

**Comply with environmental and working safety**

* + Ensure safe and environmentally working conditions and procedures
  + Implementation of all safety relevant topics regarding designated area into work instructions
  + Regular teachings and training on hazards in the area
  + Safety Tests on frequent basis
  + Ensure exhaust scrubber and pump maintenance if applicable

**Continuous improvement of the equipment and staff**

* + CIP programs together with HQ and equipment engineering (benchmarking)
  + Benchmark / knowledge exchange with other offices, departments, manufacturers
  + Close communication to shift maintenance (information sessions about news)
  + Validate improvement ideas and drive

**Staff responsibilities part:**

**Hiring/ Selection process**

* Create job descriptions and prepare advertisements
* Review resumes and finalize candidates for interview
* Access to personnel data in case of possible promotions, job rotation etc.
* Take part in interviews for positions to be filled
* Finalizing candidates to be hired

**Orientation / On the job training**

* Create individual job training plans / assign a mentor
* Familiarize the new hire with the company and the department
* Teach, coach, guide and support the new hire
* Probation appraisal, have at least 1 intermediate review within the probation period

**Area of work / Staff assignment**

* Assign tasks, review and discuss results, define clear, well defined goals (SMART)
* Plan leave, overtime or shift work to be taken
* To have information about attendance or absence of direct subordinates
* To ensure all directs received and signed the necessary safety instructions

**Salary impact**

* Evaluate, review and appraise individual results
* Conduct regular interviews and feedback talks
* Organize job rotation where applicable
* Apply for and approve incentives

**Human relations**

* To hold regular discussion with employee twice a year (review performance)
* Take care / keep communication in case of long term diseases
* Identify reasons for deficiencies, give support for improvement
* Advice / guidance in case of personal problems
* Encourage solution of conflicts and disputes
* Disciplinary action against contract or Q-Cells policies violations
* Motivate the employee

**Personnel development**

* Setup personnel development plan
* Propose and support development plans

**Terminating Employments / Dismissal Contracts**

* Take part in issuing warnings letters, censures or retrenchment talks
* Take part in writing certificates of employment, references

**Project/Task Handled**

1. Handle maximum demand reduction application with TNB
2. Handle water crisis management together with SYABAS during water cut-off
3. Close communication with TNB on power quality issues and mitigation activities
4. Service cost reduction activities(in-source) (> RM400k/year saving)
5. Schedule waste disposal cost reduction (> RM1million/year saving)
6. Plan and execute total plant shutdown maintenance activities
7. Spare and ware part localization projects
8. IETS final discharge fluorite contain reduction(< 5ppm discharge to drain)
9. Electricity cost saving project(3% /year saving)
10. Sludge special management program
11. Efficient Energy Management program(currently handle)
12. DI to portable water piping project

**2. Company Name : Silterra (M) Sdn Bhd**

**Position Title : Equipment Shift Engineer**

Date Joined : Apr 2001

Until : Dec Nov 2008

Department : Diffusion

Specialization : Handle all Diffusion tools (Furnaces =Aviza-AVP800, RVP9200,

ASM-A400 and TEL-ATP Alpha8SE. Metrology = SDI, Rudolph

Spectra Laser 200x and KLA Tencor. Clean Station = Chemwest).

Responsible for all equipment related issues, new tool installation,

development projects and manufacturing support.

Job Description : Manage day-to-day issues and on-going activities of Diffusion

Equipment engineering. Support Production with minimum impact

on tool downtime and material loss. Troubleshoot and repair all tool

issue, to minimizing tool downtime. Organize all spare parts,

consumables, supplies, and tools. Work on Cross-Functional Teams

(CFT) to solve Equipment and Process issues.

Reason for leaving : To seek better opportunity

3. Company Name : Seagate Storage Product (M) Sdn Bhd

Position Title : Technical Specialist

Date Jointed : Jan 1996

Until : April 2001

Reason for leaving : Company closed down

Department : Test Equipment

Specialization : As a shift equipment technician, support production team to meet

company requirement. Maintain all the tools in Test area with no or

minimum impact on production.

Job Description : Support production line with line equipment technician, Assist

engineers to assign their tasks. Plan and perform schedule and

unscheduled maintenance with line technicians. Resolve all

equipment interruptions in a timely manner. Troubleshoot and

repair all tool issue, to minimizing tool downtime. Organize all

spare parts, consumables, supplies, tools. To attend pass-down

meetings, prepare notes and send report to all engineering

team. Work on Cross-Functional Teams (CFT) to solve Equipment

and Process Issues.

#### Languages

English Written & Spoken Good

Malay Written & Spoken Good

Tamil Written & Spoken Good

##### Software Proficiency

Operating System : Windows, NT, MSDOS

Application Software : Microsoft Office (Word, Excel, PowerPoint, Project, etc),

Cornerstone (DOE), Data Power, Jump, FASTech SPC,

(Analytical tools)

##### Other Attainment

Certify in conducting MLVK skill trainings.

##### Additional Info

Willing to travel : Yes

Willing to relocate : Yes

Expected Salary : Negotiable

###### Reference

Name : Ling Tek Eun

Position : Purchacing Manager

Company : Cargill Palm Products Sdn Bhd

Contact No. : 019 5219849

Email : Tek-Eun\_Ling@cargill.com

Relation : Ex-Colleague (Q.CELLS)

.

Name : Vasu Velayuthan

Position : Managing Director

Company : Entegris (M) Sdn Bhd

Contact No. : 012 9881381

Email : Velayuthanvasu@yahoo.com

Relation : Former Department Director (Q.CELLS)