



GAN CHIN GUAN

CONTACT

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AFFILIATIONS

- Register graduate engineer with Board of Engineer Malaysia.
- Register graduate engineer with Institution of Engineer, Malaysia.
- Register Electrical Energy Manager

LANGUAGES

Chinese, Malay & English

ACADEMIC BACKGROUND

Bachelor of Chemical Engineering
with Honors,
University of Technology Malaysia,
3.72 CPA,
March 2005

EXECUTIVE SUMMARY

Over a 17 years career in **facility management** of **semiconductor manufacturing** plant with record of accomplishments. Equipped with technical knowledge, confident in decision-making and expertise in leading organization through periods of change and development. I have played an essential role in developing and implementing strategy to drive towards high performance in facility management where I have found biggest passion.

WORK EXPERIENCE

2015 – Current

Director of Facility Management, Infineon Technologies Malaysia

- Responsible for Asset Management which involve site infrastructure planning, design as well as project execution and management.
- Responsible for water and water system operation, maintenance and sustaining tasks.
- Managing department short & long-term budget and cost monitoring
- Drive and establish department strategy to support company productivity and sustainability.
- People competency development

2013 – 2015

Senior Staff Engineer, AUO Sunpower Sdn. Bhd

- System owner for mechanical system to design, operate and maintenance of Process Chilled Water System, Process Vacuum and Toxic vacuum.
- Lead a team in mechanical system and project management working on system improvement towards reliability, stability and cost effective.(HVAC, Air Scrubber, and compressor)
- Project leader for FMCS upgrading in PCW, PHW and Chiller System.
- Leader in company cost saving team especially on electrical energy consumption.

2010 - 2013

Specialist Facility Management, Infineon Technologies Malaysia

- System owner for mechanical system responsible for design, operate and maintenance including the air conditioning, cleanroom, and compressed dried air system and facility automation.
- Registered Energy Manager and leading the energy management system.
- Oversee the department budget and cost pickup.
- Driver to develop methodology for continuous improvement in facilities system stability and reliability.
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2005 - 2010

Lead Engineer Facility Management, STMicroelectronics Sdn. Bhd.

- Design, upgrade, operate, and maintain the water, wastewater air conditioning, cleanroom & facility automation including leading the energy conservation program related to HVAC system.
- Production Hook up for HVAC and wastewater related utilities.

ACCOMPLISHMENTS

A) Infrastructure & Building Construction: -

- 2023: Project Manager for land acquisition and creating new production building of 10,000sqm with cleanroom class 7&8. Total investment > MYR 230mio.
- 2022: New manufacturing building which consist of 4 level production floors, 11 floors office and social area with total area creation around 18,000sqm with > MYR200 million infrastructure investment.
- 2018: Technical specialist in a new 5 level, 12,000 sqm productions building with total investment cost ~MYR 200 million.
- 2008: System owner of HVAC and cleanroom for the facilitation of a new 7430 sqm 10k cleanroom

B) Cost Saving & Productivity: -

- 2013: Achieved 2.41 GW-hr annual energy or 740K MYR/yr reduction thru various energy saving project mainly in HVAC, cleanroom and mechanical system such as parallel operation of cooling tower, intelliflow controller for CDA and re-configuration of air distribution system.
- 2008: Successfully reduce 20% of total raw water intake in 2008 by implemented the Nano filtration and Ultra filtration membrane system to recovery the treated industrial wastewater.
- 2005: Achieved 15% or 612K MYR/year of wastewater chemical cost reduction by minimized of the time delay/lag in chemical dosing rate based on wastewater treated quality.

C) Strategy towards high performance in facility management.

- 2018: OneSAP project which to harmonize the global Facilities Management business process.
- 2012: Develop and configure the Computerized Maintenance Management System for facilities PM with SAP-PM.
- 2011: Develop and implementation of Reliable Centre of Maintenance program in facilities to develop the precise maintenance program for