



Kooi, Kuan Wei

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Resume Summary

Employment History

1. Dyson Manufacturing Sdn. Bhd.

Position: Senior Facilities Manager

Role:

- Leading MAM Facilities Operation and Management System
- Acting as Supporting Role in GDC in Technical for CAPEX Project

May 2024– Current

2. Infineon Technologies Malaysia Sdn Bhd

Position: O&M Director II

Role:

- Lead Overall Mechanical System such as CDA, HVAC, Chiller, N2 Gas and Forming Gas, Exhaust and Vacuum System
- Manage 4 outsources Caterer for cafeteria operation the Site
- Intergration of Syntrox factory (plating Factory) to Infineon.

May 2023– Jan 2024

Key Success

- Successfully Stabilize the WWTP for by Perform stream segregation and Operation Improvement
- Perform GAP Analysis for Facilities System. Prioritize it to long term and short term plan
- Alignment of Utilities Matrix Requirement base on Infineon and Systronic Plating line

3. ON Semiconductor Malaysia SdnBhd (Seremban Site 1 ATO)

Current Position : Senior Facilities Manager (Dec 2021– Dec 2022)

Current Specialization : Facilities Operation /Maintenance/ Improvement Project (Facilities & Machinery)

Highest Education : Bachelor's Degree in Engineering (Mechanical)

Years of Experiences : 26

Key Achievement

- Smooth Transition to Site 1 Facilities Team
- Lead the Team for Plant Shutdown and Smooth Close Shop and Open Shop. On time Handing over to Manufacturing Team
- Lead the Team to Review Facilities System and Solving CDA Issue (Identify Bottle neck in System and Propose for Management Approval.
Utilities Saving on CDA and Achieved 2MWhr Saving 1 Day
- Coordinating Lease Land Application to Government
- Successfully Leading the Team to do Value Engineering for WWTP & STP Project by Reducing Cost of RM4Million in Investment Cost. Without Reducing the Capacity of Performance of the Plant.

ON Semiconductor Malaysia SdnBhd (ISMF Site 2 FAB)

Position Title (Level) : Senior Project Manager (Senior HOD) (Oct 2019 – Dec 2022)
Specialization : Project Implementation
Role : Building/Facilities Maintenance/ Machinery Setup
Industry : Semiconductor/Wafer Fabrication

Key Achievement

- Completed 43.5KP Plant Capacity up Project
- Land Application to Government and Completed Car Park Project

Coordinate overall Plant CAPEX

- Manage Preventive Maintenance program for plant and machinery
- Ensure Department Project implementation within Timeline and budgeted cost
- Involvement in Review Facilities Project Proposal with Global Team
- Working with Finance Team on Project Cash Flow

Position Title (Level) : Facilities Manager (May 2014 – Oct 2019)
Specialization : Facilities Management
Role : Building/Facilities Maintenance/ Machinery Setup
Industry : Semiconductor/Wafer Fabrication
Work Description :

Oversee overall Facilities plant and building maintenance.

- Manage Preventive Maintenance program for plant and machinery
- Ensure Department spending within budgeted cost
- Involvement in Facilities Reliability Improvement

Key Achievement

- Improvement of HVAC System to Eliminate Haze Impact to clean Room,
- Improve Sag Prevention in Critical Facilities System Such as CDA and Chiller System
- Compliance Project for Clean Air Regulation and HF Water Treatment Plan (Below 5ppm)
- Completed 11KV Switch Gear Replacement / Improvement Project.
- Completed 11KV TX 1,2,4,5,8,9 Installation & Replacement
- Focus on People Development, & Certification By Legal, Carrier Growth, and Compensation & Benefit.
- Completed City Water Recovery and Saving Project (Reduce Usage from 3600m3/Day to 2700m3/Day)

March 2011 – May 2014

4. Texas Instruments Malaysia SdnBhd

Position Title (Level) : Facilities Engineering (Manager)

Specialization : Maintenance/Repair (Facilities & Machinery)
Role : Building/Facilities Maintenance
Industry : Semiconductor/Wafer Fabrication

Work Description

- Leading the Team for Rectification Work for Facilities System
- Establish Rectification Plan, Review and Establish PM Plan to Improve System Reliability

Key Achievement

- Implement Dynamic Sag Protection System to Reduce Power Sag (USD 4M Project);
- Improve Sewerage Treatment System and Biological System to Comply Legal Requirement.
- Cost savings initiatives and projects (Compressor cooling conversion from chill water to condenser water USD400k/year, CDA load trimming and pressure optimization – USD200k/year,
- Vendor contract and job scope consolidation for HVAC, DIW and Fire Fighting

July 2009 - March 2011

5. Carlsberg Brewery Malaysia Berhad

Position Title (Level) : Utilities & Energy Manager
Specialization : Engineering and Energy Management
Role : Management
Industry : F&B

Work Description

- Oversee overall plant and building maintenance.
- Manage Preventive Maintenance program for plant and machinery
- Ensure R&M spending within budgeted cost
- Involvement in TPM pillar for Preventive maintenance
- Involvement in SHE committee. Internal Auditor for 14001 and 9001

Key Achievement

Exceed Goal for Energy Management set by Corporate. Improve Biological System and Win Asia Entrepreneur in Environment (National Level).

July 2009 - March 2011

6. Shin EtsuHandotai (S.E.H (Shah Alam) SdnBhd)

Position Title (Level) : Senior Project Engineer
Specialization : Setting Up Plant Ramping Project
Industry : Wafering Fab (8" Polishing Wafer)

Work Description

- Coordinate for Project Work
- Building System Owner (1996-1999); 8" Wafer Fab Construction Work Involve in All Civil Related Work
- DIW / WWTP System Owner (1999-2001); RO Recovery Project; DIW & Waste Water Capacity Up Project
- Overall Coordination work for 260KP, 300KP, 360KP Capacity Up Project
- Involve in SIC Powder Recovery Project for Wire Saw Slurry, Lapping Power and Grinder Waste Water Project
- Setting Up SIC Dust Collector System
- Involvement in Setting up Clean Room Project from 100K to 10K (@0.1 micron Project).

Key Achievement

- MD Ward (Employee of the Year In 2008)
- Coordinate for 300K 8" Wafer Plant on Time

- Pioneer Team in Setting up EMS14001 and OHSAS 18000
- Project Team Lead for TS Standard APQP

Educational Background

Graduation Date: 1996

Bachelor's Degree of Engineering Mechanical

Major : Mechanical Engineering
Institute/University : University of Toledo, Ohio. USA

Graduation Date: 2003

Master of Business Administration

Major : Finance
Institute/University : University Putra Malaysia (UPM)

Personal Particulars & Preferences

Date of Birth : 23 Feb 1973
Nationality : Malaysia
Gender : Male
IC No. : 730223-02-5657
Possess Own Transport : Yes

Additional Info

Experience in Semiconductor for > 24yr in (FAB & ATO)
Show Proven Record in Facilities System Project Implementation, Operation and Maintenance, Rectification and Improvement.
Team Player and able to work with different Group of People.
Able to Lead and Train Up the Team, Motivated the Team to Achieved company Goal
Good Problem Solving skill