

DINENTHRAN GNANACHANTHRAN

012-6716029
dinenthiran@gmail.com

MECHANICAL ENGINEER • PROJECT MANAGER

Associate Member of the Institution of Mechanical Engineers, UK
Registered Engineer with the Board of Engineers Malaysia

Malaysian • Married

Language: Excellent Written and Spoken English & BM

Willing to Travel

PROFESSIONAL EXPERIENCES

Mechanical engineer with over 7 years of experience in the following:

- Coordination with Clients, Consultants, Contractors & Technical Teams
- Managing Consultants and Contractors
- Tracking and ensuring Project Programme, Cost and Quality delivery targets are met
- Preparation of RFPs, coordination of tendering process, evaluation of proposals, and selection of consultants / contractors
- Ensuring all works are planned and executed in compliance with Environmental, Health & Safety Policies
- Engineering and overall system owner of HVAC, Process Exhaust, Process Cooling Water, Compressed Dry Air & Mechanical Systems
- Overseeing installation, testing, commissioning, operation & maintenance of equipment related to owned systems such as pumps, chillers, cooling towers, compressors, heat exchangers, air handlers, exhaust fans, etc.
- System troubleshooting, root cause analysis & reporting
- Ensure environmental control of temperature, relative humidity, pressurization & airborne particles in Cleanrooms Class 100, 10k & 100k in semiconductor manufacturing plant
- Conduct continuous improvement initiatives for owned systems
- Maintain mechanical systems capacity models & as-built documentation in support of expansion planning
- Team leader for plant HVAC systems upgrading projects
- Team member in plant expansion & renovation projects
- Team member in manufacturing tools hook-up projects

SKILLS AND TRAINED FIELDS

- AutoCAD, PRO-E, Oracle EBS, Microsoft Project
- Microsoft Office Advanced (Word, Excel, Outlook, Publisher, PowerPoint)
- Project Management Experience
- UNIDO Compressed Air
- Pumps installation, operation, maintenance & troubleshooting
- Liquid piping systems
- Air conditioning for non air conditioning engineers
- Self-Contained Breathing Apparatus training
- Chemical spill training
- Effective supervisory skills

PROFESSIONAL EXPERIENCE • MAJOR CONTRACT

1. **Project Engineer**
Project Management & Construction
Lend Lease Projects (M) Sdn. Bhd.
Platinum Park Project
July 2014 - January 2016
2. **Facilities Engineer**
Global Foundries Singapore Pte. Ltd.
January 2014 - April 2014
3. **Facilities Engineer**
Integrated Semiconductor Manufacturing Facility
ON Semiconductor, SCG Industries (M) Sdn. Bhd.
July 2009 - December 2013
4. Trainee - Industrial Training
TNB Training Institute (ILSAS)
January 2009 - April 2009

EDUCATIONAL BACKGROUND

1. **Bachelor of Mechanical Engineering (Hons.)**
University Tenaga Nasional
2004 – 2009
2. **Foundation in Mechanical Engineering**
University Tenaga Nasional
2003 – 2004
3. Malaysian Certificate of Education (9A's)
King George V School
2002

INDUSTRIAL TRAINING • THESIS PROJECT

- Non-Destructive Testing: Ultrasonic Inspection, Dye Penetrant Inspection, Radiography Inspection
- Vibration Analysis - Level 1
- Air Conditioning Maintenance Technology Course
- Turbine Alignment Course
- Thermal Power Plant Operations Course
- Coal Power Plant Simulator, Hot & Very Hot Start-up Course
- Combined Cycle Gas Turbine Simulator Overview Course
- Internal Combustion Engine Driver Course

EXTRACURRICULAR ACTIVITIES • OTHER ACHIEVEMENTS

- State Level Cricket (2000 – 2002)
- District Level Tennis (1999 – 2001)
- District Level Hockey (1999 – 2002)
- Top Student of Engineering Technology (SPM 2002)
- International Competition of English Proficiency for Schools – Distinction (2001)
- Best Student KGV School (2001)

REFEREES

Rajendra Nath Paramanathan
Former Facilities Engineer at ON Semiconductor
Integrated Semiconductor Manufacturing Facility
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Sagaran Raman
Former Facilities Manager at ON Semiconductor
Integrated Semiconductor Manufacturing Facility
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