

Personnel Resume

Name Teng Jiat Loong

Qualifications Bachelor of Chemical Engineering (Honours)
University of Canterbury, Christchurch
New Zealand

Member – British Institution of Chemical Engineers,
United Kingdom

Chartered Engineer – British Council of Engineering Institutions

Member – Malaysian Institution of Engineers

Board of Engineers – Registered Professional Engineer

Working Experience

<u>Period</u>	<u>Work Description</u>
March 71 – Sept 71	Meat Research Institute, Hamilton New Zealand Basic research in drying of dryers and evaluation of dryer performance
March 72 – Oct 74	Esso Malaysia Berhad Process Engineer – Ammonia Plant Process engineering design/process study, investment evaluation, plant optimization, performance monitoring and troubleshooting. Provided technical assistance in plant startup/shutdown and catalyst activation
Nov 74 – Sept 75	Process Engineer – Petroleum Refinery Performed similar duties as before. Sent for six month assignment to Exxon Research and Engineering Company, Florham Park, New Jersey USA. Participated in the process design of a three million dollar (USD) project to expand the Naphtha Hydrofiner and Crude Lights Ends Unit
Oct 75 – April 79	Process Engineering Section Head – Petroleum Supervised the work of 5 engineers and 1 technician. Developed/motivated engineers towards achieving managements goals and objectives. Initiated new ideas to improve plant operation, maximizing throughput and plant safety In 1977, headed a group of engineers and undertook a refinery-wide process design to increase the crude handling capacity. Total project cost was nine million dollars (USD). Sent again to Exxon Research and Engineering Company USA to participate in a complete review of the whole project. Also, participated in the discussion and planning of project management/execution of the project by an international contractor.
May 79 – Jan 82	Operations Superintendent

Managed 4 Process Supervisors on shift who in turn each supervises a group of 12 process technicians. Provided guidance in the day to day operations of the plant with respect to safety, energy conservation, throughput maximization, product quality control and yield improvement

Also handled union-related matters and coordinated with other departments on equipment maintenance/repair, project installation and startup.

Feb 82 – Oct 84

Senior Staff Engineer – Process Engineering

Placed on special assignment to develop the long term investment strategy for the Refinery. Culminated in the investment of a Crude Prefractionator and other associated facilities. Headed a group of process engineers and undertook the detailed process design of the new unit. Total project cost was eleven million dollars (USD). Also, provided assistance in project management and startup.

Nov 84 – Aug 90

Technical Manager – Marketing Kuala Lumpur

Managed the work of 5 technical services engineers, 1 laboratory chemist and 4 technicians.

Developed and coordinated technical services to all customers on all matters related to lubricants, fuels, asphalt, petroleum, specialties and greases.

Actively involved in new product development, product formulation, product costing, pricing, sourcing lube base stocks and additives.

Chairman of Product Quality Committee

Also, spearheaded efforts to develop sales strategy to push the sale of specialty products to new markets

Sept 90 – Nov 92

Operations adviser – Refinery Port Dickson

Assistant to the Operations Manager in managing the operations of the plant in terms of safety, yield optimization, maximizing throughput and operating expense managements

Chairman of the following committees:-

- Oil Spill
- Oil Spill Response
- Safety and Industrial Hygiene

Dec 92 – June 93

Leader of Management Negotiation Team and reported directly to the Managing Directors of Esso Malaysia Berhad and Exxon Chemical (M) Sdn. Bhd. Successfully negotiated with the Union on a new collective agreement for the next 3 years. Financial impact is about 30 million ringgit and workforce is about 350.

July 93 – May 94

Operations Integrity Manager

Reported directly to the Manufacturing Manager and provided the leadership in the development and implementation of policies, procedures, programs, practices and management systems towards improving the operations integrity of the plant with respect to Safety Industrial Health and the Environment

Also responsible for the development and implementation of effective

business controls to minimize financial exposures especially in the area of capital investment, operating expense management, product quality, oil movement management and purchasing/contracting.

June 94 – May 95

Technical Manager

Managed the Technical Division comprising the following sections:-

- Process Engineering
- Computer and Information Systems
- Mechanical Engineering/Inspection
- Economics and Planning/Laboratory

Total workforce is about 50. Division Operating Budget is RM3 million and Capital Budget RM2-30 Million.

Provided effective management of the function towards the objective of providing Refinery with efficient engineering/planning and quality control support to meet the Refinery's Short and Long Range Manufacturing Objectives in a safe and cost effective manner. Established the organization to accomplish this along with procedures and controls, and selects/develops personnel to manage these activities.

June 95 – April
2006

Operations Manager

Manages the Operations Division comprising the following sections:-

- Onsite Operations
- Offsite Operations (including Marine Terminal)
- Maintenance
- Occupational Safety and Health

Total company workforce is about 130 and contractor workforce is about 50-60 (About 1200 during Refinery Turnaround)

Annual Division Operations Budget is about RM100 Million an Raw Material cost is about RM1.0 Billion. Total Plant investment is about RM800 Million

Manages the safe, reliable and economic operation/maintenance of a 80 thousand barrels per day Petroleum Refinery and Marine Terminal. Conducts manpower planning/recruitment, technician training program and management personnel development program. Establishes operating and safety procedures/controls for efficiency and reliability of Refinery operations.

Feb 2007 – Present

Technical Services Sales Representative for Process Engineering Associates, LLC in the Pacific Rim Region.