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Webinar Talk on

Encounters and Challenges of a Factory Manager on Safety Perspective

- 📅 16 NOVEMBER 2022, WEDNESDAY
- 🕒 3.00 PM - 5.00 PM
- 📍 ONLINE PLATFORM

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Presented by:

Ir. Gary, Lim Eng Hwa

IEM Students: FOC
IEM Members: RM15
Non-IEM Members: RM70

ORGANISED BY:
SAFETY IN ENGINEERING SPECIAL INTEREST GROUP (SESIG)

SYNOPSIS

In a manufacturing environment in general there are the 4 basic Ms, namely Manpower, Machine, Materials and Money. Management manages these 4 Ms to ensure that from the input of the 4 Ms are optimized to achieve the output., hence productivity. One of the important missing factors is SAFETY whilst some may argue that this is obvious and hence need not be highlighted, this is a major fallacy of not giving SAFETY prominence. A manufacturing plant is like a very large system consists of many smaller systems either integrated or standalone Each of the systems is an orderly arrangement of components that interact among themselves and with external components, other systems, and human operators to perform some intended function to achieve an OUTPUT. Within these systems are the hazards which could do harm to the operators which must be addressed.

The speaker will share his encounters and challenges in his 20 years working in the 6 types of manufacturing plants namely Chemical, Paint, Dairy, Confectionaries, Industrial Gas and Plastic under the Factories and Machinery Act (FMA) 1967. There were 2 regulations that had direct impact to the plant's operations namely Factories and Machinery (Noise Exposure) Regulations 1989 and (Leads) Regulations 1984.

Under FMA in First Schedule Dangerous Occurrence Section 3 clause 3 – Explosion or Fire, this particular section is often considered as under the purview of the Fire Rescue Department Malaysia (FRDM or BOMBA) which is improper as the speaker would explain during the talk.

ABOUT SPEAKER

Ir. Gary Lim Eng Hwa has a Bachelor of Engineering (Mech) from the University of Canterbury in 1978. He started working in the manufacturing environment and had over 20 years working experiences in various capacities as Industrial Engineer/Work Study Engineer, Project Engineer, Maintenance Engineer and Factory Management. During this period the FACTORIES AND MACHINERY (LEAD) REGULATIONS 1984 came into effect, the company engaged the external party to check on the lead exposed by the production workers at the mixing area. When he moved to Dutch Baby Milk Industries Berhad as the Production Manager the company engaged the external party to check on the hearing of the production workers in the Canning Line as stipulated in the FACTORIES AND MACHINERY (NOISE EXPOSURE) REGULATIONS 1989. He then joined the Insurance industry as a Risk Engineer trained to conduct Fire Risk Assessment in all types of manufacturing industries.

Currently he is a committee member with Building Services Technical Division (BSTD) and Safety in Engineering Special Interest Group (SESIG). In 2016, he attended a certification course and awarded as the Approved ISO31000 Lead Trainer from the Global Institute for Risk Management standards G31000.