IEM
The Institution of Engineers, Malaysia

Webinar Talk on

DESIGN RISK ASSESSMENT

OSHCIM REQUIREMENT

MECHANICAL ENGINEERING IN BUILDING SERVICES

19 APRIL 2023, WEDNESDAY
2.00 PM - 4.00 PM
ONLINE PLATFORM

BEM APPROVED CPD HOURS: 2
REF. NO. :IEM23/HQ/124/T (w)

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

Presented by:

Ir. Gary, Lim Eng Hwa

JOINTLY ORGANISED BY:
SAFETY IN ENGINEERING SPECIAL INTEREST GROUP (SESIG)
& BUILDING SERVICES TECHNICAL DIVISION (BSTD)

SYNOPSIS

The Guidelines on Occupational Safety and Health in Construction Industry (Management) (OSHCIM) 2017 is often mistaken by Engineers that it is applicable to civil and structural works in construction sites because of the use of temporary works etc often seen in construction sites. Under Regulation 2 Interpretation in OSHCIM "Construction Works ...(e) the installation, commissioning, maintenance, repair or removal of mechanical, electrical, gas, compressed air, hydraulic..." In this respect, if OSHCHIM said to become a Regulation soon ALL engineering disciplines will have a legal liability in their works to comply with OSHCIM Regulation.

This presentation focuses on the building services of sprinkler installation, the roof storage tanks and the accessibility to sanitary systems when conducting service and maintenance. The Consultant MUST addressing the risks arising from the design, installation and maintenance of these building services. Actual examples will be presented and the solutions will also be presented.

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.