



WEBINAR TALK ON
**CONFINED SPACE RISK
ASSESSMENT (CSRA) FOR
CONSTRUCTION PROJECTS,
UTILITY PLANTS &
MANUFACTURING FACTORIES**

ORGANISED BY : PROJECT MANAGEMENT TECHNICAL DIVISION

BEM APPROVED CPD : 2 REF NO : IEM21/HQ/165/T(w)

SPEAKER : Ir. CHIA CHEE WENG, DERICK

**22 MAY 2021 (SATURDAY)
11AM - 1PM**

REGISTRATION FEE (effective from 1st August 2020)

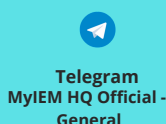
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SYNOPSIS

Confined space means an enclosed or partially enclosed space that is not intended or designed primarily as a place of work. The confined space had insufficient ventilation, restricted means for entry / exit, and liable at any time to have atmosphere hazard, oxygen deficiency or excess and cause engulfment. Examples of confined space are pits, degreasers, pipes, sewers, tunnels, tanks, silo, vessels, boiler etc.

Working in a confined space can expose a person to a very risky situation that can cause accident and death. Accidents cases in confined space mostly involved fatalities. Statistics have shown many fatalities involving workers working in a confined space such as silo, tank, sewer system, trenches and others. Studies by various research institutes and investigation by related governmental bodies highlighted the risk factor of potential cause of fatality in confined space is lack of training, lack of written procedure of confined space entry and poor implementation of written procedure.

In view of this, Department of Occupational Safety & Health (DOSH) Malaysia had published a code of practice known as Industry Code of Practice For Safe Working In A Confined Space 2010, (ICOP 2010) for the purposed of providing practical guidance to the employers, involving parties and employees for safe working in a confined space. Under ICOP 2010 Clause 4.2.2.1, the employer shall carry out the risk assessment before carrying out work involving entry into a confined space, which is considered as confined space risk assessment. (CSRA) To effectively control the risks associated with working in a confined space, CSRA should be implemented for working space that involved confined space.

In this webinar talk, we shall discuss on the current occupational safety and health (OSH) legal compliance of the work activities for confined space. Subsequently, we shall share on the basic knowledge include confined space safety, incident related to confined space and necessary control measures. Finally, we shall introduce the confined space risk assessment (CSRA) involving the components of CSRA, planning and control measures, ventilation plans, atmospheric managements, emergency rescue procedures etc. At the end of the session, hopefully, participants will able to realize the importance of CSRA in managing and mitigate the confined space risk.

SPEAKER'S PROFILE

Ir. CW Chia, Derick is a Mechanical Engineer graduated from University of Malaya (UM) in 2004, He is a certified Professional Engineer under BEM and also a corporate member with IEM. Currently, he is a co-opted committee member of IEM's Project Management Technical Division. Ir. Derick Chia is an authorised gas tester & entry supervisor (AGTES) and confined space trainer registered under Department of Occupational Safety & Health Malaysia. (DOSH) He is providing consultancy and training services related to confined space to various industry ranging from oil and gas, power plant, water treatment and manufacturing industries etc. His experiences cover engineering, consultancy, training, site gas testing and confined space entry supervision services for ongoing construction projects, manufacturing factories and utility plants. Throughout his position as consultant in the confined space, Ir. Derick Chia had been actively involved in the confined space risk assessment (CSRA) involving the ventilation plan, HIRARC, baseline assessment study, site inspection and measurement, recommendation and mitigation plan, to ensure the smooth and safe working in the confined space. Now, he run his own project management and engineering consultancy firm, provides the complete range consultancy services in project and safety management aspect.