

PROFESSIONAL CERTIFICATE in Design for Safety (CDM Concept & Incident Prevention)

INTRODUCTION

The Construction Design Management (CDM) regulations were introduced in the United Kingdom on 31st March 1995 in compliance with European Directives. The objectives of this regulation are to improve construction safety by enhancing co-ordination and communication among project parties through out all stages of the construction project. In Singapore, the Design for Safety Regulations has been enforced from 1 Aug 2016 and requires developers, designers and contractors to work together to address the risk at source and plan for the construction work.

In July 1995, the Hong Kong Government had published a Consultation Paper (HK Govt. 1995) on the review of industry safety in Hong Kong, and one of the item of consultation was on implementation of Construction (Design and Management) (CDM) regulations in Hong Kong.

The Development Bureau (DEVB) had taken the lead to implement the model under UK's (Design and Management) Regulations (CDM Regulations) in public works in 2006. The result of the survey indicates that many stakeholders in the industry struggled with the CDM Guidance Notes' systematic approach and concepts.

In fact, the review of Occupational Safety and Health Statistics 2016, the construction industry has always had high accident rates among other industries. Analyzed by type, "falling from height" was the largest category of fatal construction accidents, claiming the lives of 11 persons or 30% of total figure of death in construction during 2005 - 2016. It was followed by "electric shock" (5%), struck by "vehicles" (5%), "moving objects" (5%) and "falling objects" (5%).

AIM OF THE COURSE

Review the concept of CDM for health and safety considerations to be treated as effectively, efficiently, seamlessly and naturally integrating practices the new model of construction safety management referred to as "Design for Safety".

CONTENT

The CDM Guidance Notes' systematic approach and concepts that has been introduced the main objectives of which are to:

- Promote early involvement, effective cooperation and communication of all stakeholders through the timely provision of relevant and necessary information.
- Improve clarity on the demarcation of the roles and responsibilities of the parties responsible for coordinating and providing relevant project data on risks at all stages of a project.
- Identifying the outputs of the "Design for Safety" application process and the specific risk reduction measures. Hazard identification and mitigation should be initiated at the early design stages to eliminate or minimize the risks of injury and be continued through the subsequent stages of project development, implementation, maintenance and demolition for better safety management in the whole project life cycle.
- Sharing experience the safety of a construction project and appurtenant structures applies to all stages in the life cycle commencing with the inception stage; through the planning and design stages; followed by the construction and commissioning and ongoing operation and maintenance stages; and in certain cases, decommissioning.

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Organiser	The Hong Kong Institution of Engineers - Safety Specialist Committee and Social Resources Development Institute <i>Remark: HKIE-SSC is one of the leading professional and learning organisation in promoting safety engineering; SRDI is a well-known professional training institute operates engineering and management courses in Hong Kong and Macau.</i>
Target	Engineers of all disciplines, Construction Managers, Construction Engineering Professionals and OSH Practitioners.
Venue	Unit 278, Houston Centre, 63 Mody Road, TST East
Schedule	22 Oct (Mon), 24 Oct (Wed), 29 Oct (Mon), 31 Oct 2018 (Wed) at 7-10pm [total 12 hours]
Language	The course will be conducted in Cantonese or English, with handouts in English
Award	Certificate will be awarded jointly by HKIE-SSC and SRDI to the participants who have attended the class of not less than 70% and passed the quiz.
Fee	HK\$ 2,400
Enrolment	Please contact: Social Resources Development Institute (SRDI) Unit 278, Houston Centre, 63 Mody Road, TST East Tel: 23983885 Web: www.srdi.hk Email: office@srdi.hk

Trainer:

Mr. Paul CP Wong MSc, CMIOSH, RSA, RSO, RQP

Mr. Wong works as freelance HSEQ Consultant to provide Business Management Teams and staff with support, expertise, direction and guidance to permit the delivery of HSEQ Strategy and Business objectives. He is a Chartered Safety and Health Practitioner and Chartered Member of Institution of Occupation Safety and Health (IOSH). Accredited Safety Consultant and Accredited Safety Audit of Occupational Safety and Health Council (OSHC), Registered Quality Professional (RQP) and Black Belt Six-Sigma. He has more than 30 years of extensive experience in the field of international construction industry, oil and gas industry of the HSEQ management.

He has work experience as CDM coordinator in UK Consultant Group and Saudi Arabia to provide HSEQ plans, risk assessments, HAZID, HAZOP and to ensure proper execution and as well as for bidding the new coming projects. Implement the Quality ISO9001, ISO14001 and OHSAS18001 Management Systems. Have a proven track record in ARAMCO Hawiyah Gas Plant Expansion Project with recorded over 12,000,000 man-hours without loss time incident.