

# CRITICAL ASPECTS OF CONSTRUCTION SAFETY

## Certificate Course In

“CRITICAL ASPECTS OF CONSTRUCTION SAFETY”

## DATE:

Refer to Schedule

## TIME:

Refer to Schedule

## COURSE FEE:

- S\$90/- For company sponsored
- S\$60/- For Self Sponsored

## ACCREDITATIONS:

4 PDU / 4 CET / 4 SDU / 2 STU  
(Safety)

## CONTACT

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## STAR ACADEMY PTE LTD

223 Jalan Besar  
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## SITE SAFETY



**Dangerous Site**



Safety helmets, boots and high visibility vests must be worn



All visitors to this site must report to the site office



No unauthorised access



Children must not play on this site



## INTRODUCTION

Construction sector has been the top contributor of workplace fatal injuries with around 40% of the total fatal injuries over the past 10 years in Singapore. It is critical for every stakeholder of the workplaces to have an understanding on the hazards involved in the construction workplace and implement appropriate risk control measures to minimize the risk. Proper planning and execution of work activities are critical to prevent incompatible hazardous activities from being carried out at the same time, as construction works involve many trades working at the same time in the same place.

## COURSE COVERAGE

- Introduction
- Risk Management in construction
- Deep excavation safety
- Concrete construction safety
- Steel construction safety
- Safety in working at height
- Construction ergonomics

## TARGET AUDIENCE

- ❖ Professional Engineers (PE)/ Resident Engineers (RE)/ Resident Technical Officers (RTO) / Design Engineers
- ❖ Project Managers / Site Engineers and Supervisors
- ❖ Practicing Workplace Safety & Health Officers (WSHO)/ Safety Coordinators and other Construction / Safety Professionals

## TRAINER

**Chai Tze Gian, Paul** B.Eng Civil, WSHA, WSHO, FSM, ECO, CSSA

He is the Director of Revelation System Pte Ltd which was incorporated in 2016, providing Workplace Safety, Health and Environmental consultancy services. After obtaining his Bachelor Degree in Civil Engineering in 1994 from National University of Singapore, he started his career in the building construction industry as a Project Engineer and progressed to Project Manager, Senior Project Manager and Project Director.



He had held the position of Management Representative (MR) of a company, ensuring that the processes needed for the Quality, Safety, Health and Environmental Management System (QSHEMS) is established, implemented and maintained. Recognizing that Workplace Safety, Health and Environment concerns are closely related to the building and construction activities, he began to seek competency in safety, health and environmental aspects in 2007. Currently, he is a MOM registered Workplace Safety and Health Auditor (WSHA), MOM registered Workplace Safety and Health Officer (WSHO), SCDF registered Fire Safety Manager (FSM), NEA registered Environmental Control Officer (ECO), Confined Space Safety Assessor (CSSA). Over the past 20 over years, he has accumulated invaluable experience and expertise on QSHE in a variety of building projects which includes residential, commercial, industrial and institutional.