



ASSOCIATION OF
CONSULTING ENGINEERS
SINGAPORE

ACES One Day Design for Safety (DfS) Refresh Course

Date: 25 September 2026 (Friday)
Time: 9.00 am to 6.00 pm
Mode of Delivery: In-person
Fee: \$120 nett for ACES Member
\$180 nett for CIJC/Others
Venue: ACES Office
18 Sin Ming Lane #06-01 Midview City
Singapore 573960
CPD: To be confirmed (PDU/SIA-BOA CPD; STU)

Registration Link and QR Code

<https://forms.gle/Fq24GBYEksCY1PPc9>



Synopsis

The Evolution of Design for Safety (DfS) in Singapore - the WSH Council pioneered national DfS benchmarks with the publication of the *Guidelines on Design for Safety in Buildings and Structures* in 2008, followed by the inaugural Train-the-Trainer (TTT) framework in 2009. By July 2010, Singapore's first cohort of competency-certified Project Safety & Health Coordinators (PSHC) was established. Mirroring the industry's maturation, this pivotal regulatory role evolved from PSHC to *DfS Coordinator* in 2011, and ultimately to *DfS Professional* in 2015.

Statutory Weight & Application to maintain industry relevance, the national DfS Guidelines underwent major updates in 2011, 2016, and 2022. While not formally gazetted under the WSH (Approved Codes of Practice) Notification, these guidelines serve as the definitive blueprint for the industry. They provide the essential operational frameworks and templates necessary for the Developer-Designer-Contractor (DDC) triad to effectively kick-start and execute DfS planning throughout a project's lifecycle.

Core Learning Objectives

- **Lifecycle Risk Management:** Empowers the DDC triad to systematically evaluate every lifecycle stage of a structure. The core focus is to eliminate or mitigate design risks **at the source** using collective, engineering-based protective measures rather than relying on personal protective equipment (PPE).
- **Preventing Risk Transfer:** Equips practitioners to design out upstream hazards, preventing "design risks" from cascading into "residual risks" that directly compromise safety during downstream construction, maintenance, repair, and eventual demolition.
- **Driving Vision Zero:** Shifts the organizational mindset of developers, designers, and contractors from reactive compliance to proactive hazard elimination, embedding the Vision Zero philosophy into sustainable building practices.

Who should attend?

- Developer / Owner (Risk creator)
- Project safety & health coordinator (2009- 2011)
- DfS Co-ordinator (2011-2015)
- DfS Professional (2015 onwards)
- MCST/ MA/ FM Manager (Risk receiver)
- Architects (Risk owner for Architectural design)
- C&S Engineer (Risk owner for C&S design)
- M&E Engineer (Risk owner for M&E design)
- Landscaping Architect (Risk Owner for landscaping design)

PROGRAMMES

Time	Description	Trainer
08:45 - 09:00	Registration	
09:00 - 10:00 (60 mins)	Introduction Relevant Acts/ Regulations/ ACOPs/ Guidelines update	Mr. Jason Oh
10:00 - 10:15	Tea Break (AM)	
1015 - 1045 (30 mins)	Old and New WSH-DfS Guidelines	Mr. Jason Oh
10:45 – 12:30 (105 mins)	DfS applications Life cycle checklist, Red-Amber-Green Lists, DfS checklist based on hazards	Mr. Jason Oh
12:30 – 13:30	Lunch Break	
13:30 – 14:30 (60 mins)	Case Study - C&S	Er. Gwee Siong Mong
14:30- 15:30 (60 mins)	Case Study - M&E Electrical Safety and Electrical Hazard Mitigate Electrical System Risk and Safety Case study on Electrocution	Er. Ling Shiang Yun
15:30- 15:45	Tea break (PM)	
15:45- 17:45 (120 mins)	Case Study- Architectural	Ar. Darren Benger
17:45- 18:00	Quiz (Closed book)	

TRAINERS



Mr. Oh Boon Chye, Jason

Jason Oh is the Principal Consultant of JOH Safety Consultancy Pte Ltd (JOH), offering over 25 years of ground-up experience across the infrastructure, industrial, and residential sectors. A pioneer in Singapore's Design for Safety (DfS) landscape, he helped shape early national frameworks as a member of the WSH Council's DfS sub-committee and has served as an appointed IES Trainer for DfS Professionals since 2010.

A Fellow Member of The Institution of Engineers, Singapore (FIES) and an adjunct lecturer at the National University of Singapore (NUS). His contributions include serving as an IES Council Member and his current role as Chairman of the IES Vision Zero initiative. Additionally, he serves as a key technical reviewer for vital national safety standards, including SS 617, SS 559, SS 536 and SS 562, leveraging his extensive field experience to advance workplace safety and health excellence across major public and private developments.



Er. Gwee Siong Mong

Er. Gwee is the Executive Director of Ronnie & Koh Consultants Pte Ltd, with over 30 years of professional experience in civil and structural engineering within Singapore's built environment sector. He possesses extensive expertise in the planning, management and supervision of civil and structural works across a diverse range of developments, including industrial parks, commercial buildings, residential estates and institutional development. He is also a qualified DfSP and have 10 years of experiences in Design for Safety.

Er. Gwee is currently a Council Member of ACES. He also serves as a member of WSH DfS workgroup reviewing the DfS Professional Competency Framework.



Er. Ling Shiang Yun

Er. Ling is the Group Director of Meinhardt, he is a Electrical QP, and SPE for Lift and Escalator. He has built the most of his professional experience in the M & E Engineering Consulting and Construction business. He has 39 years of experience in M & E design for a large range of building services in a variety of building types in Singapore and Asia including Commercial, Industrial, Residential, Institution, and Mixed development projects.

Er. Ling is the Past President of ACES, he is currently Member of Disciplinary Panel, Council for Estate Agencies (CEA), Member of Electrical and Electronic Standards Committee (EESC), and Member of Committee of the International Electrotechnical Commission [SNC (IEC)]. He is also a Fellow Member of The Institution of Engineers, Singapore (FIES) and an adjunct lecturer at the National University of Singapore (NUS), and a DfS Professionals.



Ar. Darren Bengier

Darren holds a Bachelor of Architecture degree with First Class Honours from the University of Adelaide. He is a registered architect and architectural Qualified Person, having been registered with the Board of Architects, Singapore, since 2001.

Darren is the Managing Director of VivATA Pte Ltd, a BOA-licensed architectural practice. He served on the Council of the Singapore Institute of Architects (SIA) for approximately 15 years and represented SIA on the Workplace Safety and Health Council's Construction and Landscaping Committee during the period when the Design for Safety Guidelines were being publicised and the Design for Safety Regulations were being developed and implemented.

Darren was also among the first cohort to complete the Design for Safety train-the-trainer course. As an accredited trainer for the Design for Safety Professional course—formerly the Design for Safety Coordinator course—he conducted numerous accreditation training courses for SIA and the Institution of Engineers, Singapore (IES).