

Trainer Biography

Er. Chan Keng Yong, MEng, PE (Chemical)

Er. Chan Keng Yong possesses about 25 years of local and international experience comprising of process safety, process, commercial, business development and project management experience in the oil and gas industries, including gas and chemicals. He is a commercially astute and technically competent manager who have successfully grown business and developed technical teams. His experiences include process safety management (PSM) consulting, Safety Case, qualitative and quantitative process safety studies, EH&S consulting, commercial/business management, and business development in safety consulting. He is a registered Professional Engineer (Chemical) by the PE Board Singapore since May 2017.

He started his career in the oil refinery with Mobil Oil Singapore as a technical engineer for about 4 years, followed by a regional process safety role with Air Products and Chemicals (Asia and USA) for 7 years. After 11 years of technical and operational process safety experiences in the manufacturing work environment, he moved to a techno-commercial & consulting management role with Siemens O&G consulting managing pressure relief and flare analyses and mechanical integrity software related projects. In DNV GL, he was the Business Development Lead cum Principal Consultant for the Risk Management Advisory section for Oil & Gas in Singapore/SE Asia. Thereafter, he joined Ramboll Environ Singapore for 5 years where he built and grew the process safety team in Singapore, providing technical leadership and project/team management on a range of process safety and health & safety consulting services (Safety Case, QRA, Process Hazard Analysis, PSM training, EHS Management System Review etc.) for various clients in Singapore and SE Asia.

Er. Chan is knowledgeable in PSM systems from both plant and consulting perspectives and has executed numerous PSM related works and trainings in Singapore, Asia, and USA. He has facilitated and/or led more than a hundred process hazard analysis (PHA) workshops (for newly design and/or operational facilities) including safety integrity level (SIL) classification workshops, for both offshore and onshore facilities and downstream specialty chemical companies. His other specialties include onshore QRAs, Safety Case (Singapore), PSM advisory and audits (e.g. PSSR, MOC, Consequence Modelling, PSM KPI development), EH&S Due Diligence (specifically on process safety) and conducting process safety training.

Since the promulgation of the Singapore Safety Case regime in 2017, Er. Chan has supported the Safety Case training, development, and IP/RP support for numerous new (greenfield) and operational facilities. These clients are in specialty chemicals, industrial and specialty gases, warehousing logistics, pharmaceutical API, and power industries.