

# WEBINAR

## LIGHTWEIGHT FRAMING, STRUCTURAL DECKING AND INDUSTRIALISED BUILDING SYSTEMS (IBS) ADOPTION

18 JUNE 2020 | THURSDAY | 11.00 A.M. - 1.00 P.M. (GMT+8)

### SYNOPSIS

This course introduces the uses and applications of lightweight steel framing in construction. In this session, we cover the benefits of steel frame and designing for robustness.

The evolving construction industry in Malaysia has opened new horizon and footprint in adoption of structural steel decking for composite concrete slab design in construction for mega high-rise towers and other commercial structures. Under the new Industrial 4.0 evolution, fast and accurate execution with timely deliverance being the main deciding factors for major construction players to adopt and adapt suitable profiles and materials for all new projects.

This is evident for construction of mega iconic skyscrapers using structural steel decking whereby the composite slab able to fast track the construction of multiple levels without waiting for curing period and eliminate the dismantling of formwork. With this concept, the structural steel decking plays a major role to fit in the Industrialised Building Systems (IBS) components criteria as permanent formwork and innovative system. As per government's mandate for both public and private projects of certain values to achieve minimum IBS scoring, the adoption of structural steel decking matches the criteria perfectly and justly.

### SPEAKERS



**MR. JACK CHUM** has spent over 16 years in steel related industries since graduated from University Sains Malaysia (USM). In his career, he has been involved in Process Improvement, Quality Assurance, Product Failure Analysis, Product Specification and Product Development portfolio.

He is actively involved with professional bodies such as Pertubuhan Akitek Malaysia (PAM), Royal Institution of Surveyors Malaysia (RISM), The Institution of Engineers, Malaysia (IEM) and government bodies such as Jabatan Kerja Raya (JKR) in conducting technical seminar regarding coated steel for metal roofing, wall cladding and light weight structural steel application.



**MS. SURAYA JOHARI** is the Technical & Design Manager leading technical team and develop technical roadmap for system improvement and product-portfolio expansion.

She has 17 years of technical experience, professional leadership and has helmed senior executive roles for 6 years both in technical and operational accountabilities. She comes with thoroughly varied inter industrial and inter departmental experiences as she has held various positions in the construction and education industries throughout her career. Prior to joining the Company, Ms. Suraya was the Technical Manager in R & D division of BWYS Group for potential creation of technologically innovative endeavors. She possesses six (6) years of experience working in the education industry as lecturer in technical stream and actively involved in the accreditation process to comply with requirements of Malaysian Qualifications Agency (MQA) for various programs and Engineering Accreditation Council Malaysia (EAC) for engineering programs. Ms. Suraya actively involve as a member of working committee for National Occupational Skill Standard (NOSS) and Construction Industry Standard (CIS) for Construction Industry Development Board Malaysia (CIDB) since year 2009 and knowledgeable in Industrialized Building System (IBS). She possesses seven (7) years of experience as trainer and invited speaker for Public Works Department Malaysia (JKR), Bahagian Pembangunan Kontraktor dan Usahawan (BPKU), Contractor Service Center (PKK), Construction Industry Development Board Malaysia (CIDB) and polytechnics.