

WEBINAR TALK ON
**“TALK ON M&E DESIGN CONSIDERATION FOR TUNNEL
(RAILWAY & ROAD)”**

03 March 2022 (Thursday)

4.00 p.m. – 6.00 p.m.

SYNOPSIS

Tunnel is an intrinsic component of our modern day's transportation of infrastructures. Whether it is for roads or railways, tunnels allows us to better connect our communities, improving our communications, as well as supporting the growth of our population and urbanisation through advancement of engineering in tunnel which allows us to travel across cities, states, or even continents safely, freely and efficiently. Tunnel often presents various engineering challenges and ultimately by overcoming these challenges through our design and construction life cycle, the outcome we need to achieve is to deliver a tunnel that operates to its intended functions in the most optimal efficiency, containing a safety environment for users like ourselves and operators, and a piece of infrastructure that is reliable and maintain available to its functional service life time.

This talk is to provide an overview on the considerations and thought process we have to take as M&E engineers when designing the M&E services for a transportation tunnel.

About the SPEAKERS

Mr. Tony Koo graduated with MEng (Hon) from University of Bath (UK) in 2004. He has more than 17 years of practical experience since graduation, and his experience includes detailed design of M&E services for building and major infrastructure projects around UK and Asia Region. Currently, he is the Executive Director of AECOM Malaysia. He is an hands-on director with a demonstrated history of working in the civil engineering industry. Strong business development professional skilled in Technical Design for a range of industry sector, Design Management, Concept and Feasibility Studies, and the use of Building Information Management (BIM). He is currently the Lead Project Manager for KVMRT – SSP Line Underground Detailed Design Package and leading the MEP for a number of underground and railway projects within the South-east Asia Region



Mr. Sam Chung graduated with BSc & MEng (Hon) from The Hong Kong Polytechnic University (PolyU) in 2012 & 2014. He has more than 12 years of practical experience since graduation, and his experience includes construction & detailed design of Electrical services for major infrastructure project around Hong Kong, Singapore & Malaysia. Currently, he is the Associate of AECOM Malaysia. He is an experienced Associate with a demonstrated history of working specified in the Site formation, road Tunnel, Water treatment plant & Railway Station. Strong business development professional skilled in Feasibility Studies, Electrical Schematic design & calculation & computational modelling. He is currently the Electrical Lead for KVMRT – SSP Line Underground Detailed Design Package 2.



Registration Fees

IEM Members : RM 15.00 | IEM Non Members : RM 50.00

CPD Hours : 2.0 | CPD Ref No : IEM2022/HQ/028/T(w)

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