

Refreshments sponsored by Azeeta Pipe Sdn Bhd

Physical Talk On

“The MS 1058-3:2023 Polyethylene (PE) Piping Systems for Water Supply and for Drainage & Sewerage Under Pressure – Part 3: Fittings – Socket and Fusion Joint”



Date : **7 Sept 2024 (Saturday)**

Time : **9.30am - 11.30am**

Venue: Auditorium Tan Sri Prof. Chin Fung Kee,
Wisma IEM

CPD hours : 2

CPD Ref No. : IEM24/HQ/333/T

Registration Fees

- * Student Member : FOC
- * IEM Member : RM 15.00
- * Non-Member : RM 70.00

Synopsis

The use of plastic pipes in the internal plumbing system in high rise buildings to transfer potable water from the roof tank to the sanitary fittings inside the building is common and there is a wide of selection plastic pipes, reference to SPAN Table C.2 – Complying standards of pipes used in internal plumbing system. Many of these standards listed have yet to be updated except MS1058:2023.

The talk will focus on the latest MS 1058-3:2023 Polyethylene (PE) piping systems for water supply and for drainage and sewerage under pressure – Part 3: Fittings (Previous MS1058-3: 2006 Polyethylene (PE) Piping Systems for Water Supply- Part 3: Fittings) lapse of 17 years.

The description of the title of the revised MS1058 has changed hence widening the applications of HDPE pipe from the 2006 version. The talk will focus on the SOCKET FUSION joint which has significantly expanded the sizes from previously OD 20 to 32 to OD 16 to 125.

Socket and fusion joint currently relates to PPR pipe, MS2286-3: 2012 Plastic piping systems for hot and cold water installations – Polypropylene (PP) Part 3: Fittings therefore with the updated MS1058-3:2023 socket and fusion joint will also be used for HDPE pipe for the internal plumbing system.

Practical hands-on experience to do the socket and fusion joint on HDPE and PPR will be available for participants, courtesy of Azeeta Pipe Sdn Bhd a manufacturer of both type of pipes. A sample of the HDPE mechanical joint available too for participants to understand the differences of different type of joints.

Speaker



Ir. Gary Lim Eng Hwa

BE(Mech.) NZ, Mgt Dip. FIEM, P.Eng, AT31000 (Approved ISO31000 Risk Management Lead Trainer)

Gary is a member of the Building Services Technical Division (BSTD), Safety in Engineering Special Interest Group (SESIG) and the Fire Advisory Board of the Institution of Engineers, Malaysia. He has a degree in Mechanical Engineering from the University of Canterbury, New Zealand and a Management Diploma from New Zealand. He is a Professional Engineer registered with the Board of Engineers, Malaysia and a Fellow of the Institution of Engineers, Malaysia (IEM). In 2016 he obtained Approved ISO31000 Risk Management Lead Trainer Certificate from G31000 Institution.

Gary conducted design courses at IEM for the past 10 years on Plumbing, Sanitary, Fire Fighting Systems and Rainwater Harvesting System USING GRAVITY FEED only