

# Fast Flow Continuing Professional Development



## It's time to invest in your professional journey!

Fast Flow is a highly specialised group of companies providing solutions for rainwater management in building projects across Asia Pacific. The company designs drainage systems that seamlessly integrate into a host building, optimizing material use and achieving both architectural and engineering expectations. We strive to work on new ways to improve the sustainability in buildings. **Seek and imagine new ways to solve tomorrow's drainage challenges** – that's our purpose.



Fast Flow has conducted Continuing Professional Development (CPD) lectures to Architects in Hong Kong and The Philippines in the past three years. The company is now embarking on series of CPD courses and currently registered under Singapore Institute of Architects (SIA) as a Course Organiser.

Our first CPD lecture in Singapore will be held at SIA office on Thursday, 4<sup>th</sup> of July 2019. The Definition of **'Open to Sky' Drainage** and **'Wind-Driven Rain Spaces' Drainage**, Codes & Standards of Rainwater Systems for Buildings, R&D – test results, Current Practice of Balcony Drainage, and Pressurised System are some of the topics that form part of our Rainwater Management System course.

For more information on our courses schedule please visit SIA Calendar of Events at <http://members.sia.org.sg/go.html?1>



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## Fast Flow Technology Installed in One of Bangkok's Architectural Wonders



ICONSIAM, a striking commercial & mixed-use development complex of a large shopping mall and two residential towers has emerged in Khlong San, one of Bangkok's most sought after residential areas. The project is being developed as a joint venture by Siam Piwat group, MQDC Magnolia Quality Development, and multi-national conglomerate Charoen Pokphand Group, with Urban Architect Co., Ltd., a design services company as the architect. Thai Obayashi Corp., Ltd was appointed as the Main Contractor as well as the M&E Contractor for the commercial zone, whilst the main contractor for the residential zone was awarded to the Italian-Thai Development Public Company Limited.

The complex includes two of the tallest buildings in Bangkok. They are the 52-floor ultimate luxury The Residences at Mandarin Oriental Bangkok (272m) and The Tower of Magnolias Waterfront Residences that reaches up to 70 floors with rows of private balconies forming the main feature of the facade; the building is currently the tallest in Bangkok (315m).

A commercial and mixed-use development generates varying demands of Fast Flow technology especially for high-rise building. Fast Flow specializes in providing the rainwater management system with the state-of-the-art technology to maintain continuous high-level service. The ICONSIAM development utilizes both Fast Flow's Siphonic and Pressurised systems which consist of Fast Flow's proprietary products such as Primo™ rainwater outlet series, Arteco™ series and Fast Flow's anti-backflow junction; the psVent™ which specially designed for terrace and balcony.



Fast Flow has more than 24 years of experience in the design and engineering of rainwater management system for high-rise buildings. Below milestones show 10 tall buildings around Asia Pacific; from Australia to China that utilize Fast Flow technology.



The Pinnacle@Duxton, Singapore



Hilton Surfers Paradise, Australia



CapitaGreen, Singapore



Sky Habitat, Singapore



Jewel Gold Coast, Australia



ION Orchard, Singapore



Guoco Tower, Singapore



Marina Bay Sands, Singapore



CCTV Headquarters, China



Magnolias Ratchadamri Blvd., Thailand

## Fast Flow Group Newly Secured Projects Q1/2019

### Singapore

- ▢ Chevron House at 30 Raffles Place (A&A)
- ▢ Jui Residences
- ▢ Wilmar HQ
- ▢ Woodlands Sunny Food (Extension)

### Malaysia

- ▢ JBCC Hotel
- ▢ Gusing Church Penampang
- ▢ Lam Soon Office Cyber Valley
- ▢ Liberty Cove Kuching Block Seven
- ▢ Lam Soon Office Cyber Valley
- ▢ SAC Parcel 2 Plot 12 & 13
- ▢ SAC Parcel 2 Plot 21
- ▢ SAC Parcel 2 Plot 26
- ▢ SAC Parcel 2 Plot 27

### Thailand

- ▢ Ajinomoto
- ▢ Carlton Hotel
- ▢ Siamese Queens
- ▢ Siamese Sukhumvit 48
- ▢ Belton
- ▢ Langsuan Pond

### Indonesia

- ▢ Greater Jakarta LRT Phase I
- ▢ Syamsudin Noor International Airport



Project name: Carlton Hotel  
Country: Thailand  
Catchment area: 2,175 sqm



Project name: Ajinomoto  
Country: Thailand  
Catchment area: 1,460 sqm



Project name: Jui Residences  
Country: Singapore  
Catchment area: 800 sqm



Project name: Greater Jakarta LRT Phase I  
Country: Indonesia  
Catchment area: 2,700 sqm







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