# PAMSC TECHNICAL TALK 5/2023





# RAINWATER DRAINAGE & HARVESTING SYSTEM

A COMPLETE RAINWATER SOLUTION consists of uPVC Gravity Rainwater Downpipe, HDPE Siphonic Drainage and Rainwater Harvesting System. BESSCO is formed by BESSTEM, BESSFLOW and BESSRAIN and specializes in providing a One-Stop solution for Developers and Consultants to Advise and Design the Best Solution in terms of Cost and Effectiveness. Safety is our Number 1 priority to ensure that the system is designed to comply with BS EN 12200 and MSMA Standards to prevent any issues in the future. We have put together a brief explanation on our BESSTEM Specially Designed Fittings, Advantages of using BESSFLOW – RAINPLUS Siphonic Rainwater Drainage System instead of Conventional Drainage System and Requirements of Rainwater Harvesting System.







The session will be conducted by Mr Nicholas Tan, the Project Sales Manager cum Assistant General Manager, that has more than 10 years experience in the field of rainwater industry. The second speaker, Mr. Che Muhd. Faruq is the Senior Project Sales Manager of Bessco with 5 years experience in designing and providing suitable rainwater drainage solution.



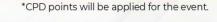
## JOIN US THIS JULY 15, 2023 8.30AM

Venue: PAM Sarawak Chapter Centre, Saradise

**CLICK HERE TO REGISTER NOW!** 

Online Zoom link will be made available at (3 days before the event)

FREE PAM member RM50.00 FE nENTRY!		
Programme:		
08:30	Registration	
09:00	Introduction of Bessco	
09:15	BESSTEM	
10:00	Coffee Break	
10:30	BESSFLOW	
11:15	BESSRAIN	
11:45	TRIPLUS + VBF	
12:30	Q&A & Project References	
13:00	End & Lunch	









# PAMSC Technical Talk 5/2023

Date	: 15 July 2023 (Saturday)
Time	: 8.30 am to 1.00 pm
Venue	: PAMSC Center - Saradise & Zoom (Hybrid)
Торіс	: A Complete Rainwater Solution: Rainwater
	Drainage & Harvesting System
Speaker	: Mr. Nicholas Tan & Mr. Che Muhammad Faruq
	Bin Che Abdul Aziz



## Mr. Nicholas Tan

#### Project Sales Manager Cum Assistant General Manager

- Bachelor in Degree (Hons) Civil Engineering in Portsmouth, United Kingdom
- Architecture Diploma in Malaysia



### Mr. Che Muhammad Faruq Bin Che Abdul Aziz

#### Senior Project Sales Engineer

 Bachelor of Mechanical Engineering, UKM

#### Synopsis

A COMPLETE RAINWATER SOLUTION consists of uPVC Gravity Rainwater Downpipe, HDPE Siphonic Drainage and Rainwater Harvesting System. BESSCO is formed by BESSTEM, BESSFLOW and BESSRAIN and specializes in providing a One-Stop solution for Developers and Consultants to Advise and Design the Best Solution in terms of Cost and Effectiveness. Safety is our Number 1 priority to ensure that the system is designed to comply with BS EN 12200 and MSMA Standards to prevent any issues in the future. We have put together a brief explanation on our BESSTEM Specially Designed Fittings, Advantages of using BESSFLOW – RAINPLUS Siphonic Rainwater Drainage System instead of Conventional Drainage System and Requirements of Rainwater Harvesting System.

- 1. Introduction of BESSCO A Complete Rainwater System Solution
- 2. BESSTEM uPVC Conventional Rainwater Drainage System
  - 7 Nominal Size of Rainwater Downpipe
  - Pipe Specification
  - Product Standard Complies
  - Special Designed Fittings for Building and Infrastructure
  - Latest Innovation Anti-BackFlow System (ABF System)
- 3. BESSFLOW HDPE Siphonic Rainwater Drainage System
  - What is Siphonic? How Siphonic System Works?
  - The Comparison of Siphonic System and Conventional System.
  - How efficient of the Bessflow RAINPLUS siphonic system?
  - The Components of Bessflow RAINPLUS Siphonic System.
  - Connection & Jointing
  - Case Study
- 4. BESSRAIN Rainwater Harvesting System
  - How It Works?
  - What is First Flush?
  - Our Rainwater Harvesting System MK5
- 5. TRIPLUS + VBF SYSTEM Acoustic Soundproof Waste System with Single Stack Drainage System Inside the Buildings
- 6. Project References / Project Gallery

#### Sponsored by:



## Speaker's Biography

#### Speaker 1



- Nicholas Tan obtained Bachelor in Degree (Hons) Civil Engineering in Portsmouth, United Kingdom, and one and a half years of Architecture Diploma in Malaysia.
- He did his studies case on Gravity Rainwater Downpipe and Siphonic System; carbon environment energy on rainwater harvesting system in UK. He represents his university to participate in international design for AUTODESK competition. Moreover, he won Malaysia's UTM Bridge Model Competition 2009 for First Runner in overall and first runner in Strength and lightness.
- In year 2015, he was under trained in ITALY by our principle Valsir S.p.a for the complete system design of RAINPLUS HDPE Siphonic Rainwater Drainage System.
- He has more than 10 years of experience in the field of rainwater industry, especially providing rainwater solutions and technical support.
- Currently he is the person in charge of Marketing and technical design for these 4 Companies: BESSTEM, BESSFLOW, BESSRAIN SYSTEM and BESSTEM MARKETING as project sales manager cum assistant general manager.

#### Speaker 2



 Che Muhammad Faruq Bin Che Abdul Aziz obtained a Bachelor of Mechanical Engineering in UKM 2018. As a Senior Project Sales Engineer in these 3 companies: BESSTEM, BESSFLOW and BESSRAIN SYSTEM, he has 5 years of experience in Designing and Providing suitable Rainwater Drainage Solutions.

- Saturday, 15 July 2023
- 8:30 9:00 am Registration
- 9:00 9:15 am BESSCO Introduction by Nicholas
- 9:15 10:00 am BESSTEM uPVC Gravity Flow Rainwater Downpipe System by Faruq
  - 7 Nominal Size of Rainwater Downpipe
  - Pipe Specification
  - Product Standard Complies
  - Special Designed Fittings for Building and Infrastructure
  - Latest Innovation Anti-BackFlow System (ABF System)
- 10:00 10:30 am Coffee Break
- 10:30 11:15 am BESSFLOW HDPE Siphonic Rainwater Drainage System by Nicholas
  - What is Siphonic? How Siphonic System Works?
  - The Comparison of Siphonic System and Conventional System.
  - How efficient of the BESSFLOW RAINPLUS siphonic system?
  - The Components of BESSFLOW RAINPLUS Siphonic System
  - Connection & Jointing
  - Case Study
- 11:15 11:45 am BESSRAIN Rainwater Harvesting System by Faruq
  - How it works?
  - What is First Flush?
  - Our Rainwater Harvesting System Main Unit Filter Mark 5
- 11:45 12:30 pm TRIPLUS + VBF SYSTEM

 Acoustic Soundproof Waste System with Single Stack Drainage System Inside the Buildings by Nicholas

- 12:30 13:00 pm Q&A session & Project References / Project Gallery
- 13:00 pm END OF THE SEMINAR and Lunch