



PAM
Pertubuhan Akitek
Malaysia
Sarawak Chapter

PAMSC TECHNICAL TALK 5/2023

ECOHILL WALK



PRIME MINISTER OFFICE



TRIBECA



A COMPLETE RAINWATER SOLUTION: RAINWATER DRAINAGE & HARVESTING SYSTEM

by Mr. Nicholas Tan & Mr. Che Muhammad Faruq

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.

TNB GOLD OFFICE TOWER



TRX CORE RESIDENCE



THE HARMONY



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**

[CLICK HERE TO REGISTER NOW!](#)

Venue:
PAM Sarawak Chapter
Centre, Saradise

Online Zoom link will
be made available at
<https://pamsc.org.my>
(3 days before the event)

FEES

FOC for PAM member
RM50.00 for non PAM member

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 🍽️

*CPD points will be applied for the event.

B
BESSTEM



CONVENTIONAL RAINWATER
DRAINAGE SYSTEM



FULLY AUTOMATIC RAINWATER
HARVESTING SYSTEM

BESSFLOW - RAINPLUS



SIPHONIC RAINWATER
DRAINAGE SYSTEM

The Event is Sponsored by our Industry Partner:

B **BESSCO**™

PAMSC Technical Talk 5/2023

Date : 15 July 2023 (Saturday)
Time : 8.30 am to 1.00 pm
Venue : PAMSC Center - Saradise & Zoom (Hybrid)
Topic : 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.

Program Tentative

- 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