

# TRI-WALL now!

【September Issue】

10<sup>th</sup> September, 2019

## News from Tri-Wall Limited

The Headquarters of the TW Group

-  **Safety, Health & Environment Meeting at Tri-Wall Thailand**
-  **Serial Report: Safety Always on the Mind**
-  **Tri-Wall COLAB Supported Community Event**
-  **Macro Plastics at Asia Fruit Logistica**

### Safety, Health & Environment Meeting at Tri-Wall Thailand

August 26<sup>th</sup> - 28<sup>th</sup>, Bangkok - A Safety, Health & Environment (SHE) meeting was conducted at Tri-Wall Thailand. Organized by Tri-Wall Limited, the meeting was joined by Mr. Yuji Suzuki and other key management members. Ms. Keiko Tachibana, CAO of the Tri-Wall Group, made an opening speech on the fundamentals of SHE and objectives of this meeting.



In addition to the management team from Tri-Wall, Shirai-san, safety experts from Rengo and Matsuda-san from Rengo's Overseas Department also joined the meeting and introduced the result of

the 2018 safety audit and follow-up measures at Tri-Wall corrugators (TWJS, TWPF, TWSY, TWPT and TWEL). Shirai-san also introduced Rengo's Health and Safety standards. Through a site visit at TWPT (one of Tri-Wall's corrugators in Thailand), all participants learned the risk elements, improvements and Kaizen progress.

On the second day, Yamaguchi-san, an expert in the area of safety and production, and Shirai-san led two teams to visit TWPK (fabricator) for a factory patrol in order to identify and share concerns. Back in the classroom, each participant shared their findings on the production floor.





On the last day, a further discussion hosted by Yamaguchi-san regarding the recent incidents which happened at TWPF and TW India was held. Preventative measures from different regions

were shared.

Topics discussed in the meeting included:

- ☐ Create a list of environmental laws and regulations that need to be complied with.
- ☐ Keep record of the qualification of operators.
- ☐ Install protective covers to saws (applicable to table saw, panel saw, electric circular saw, gang rip saw and so on).
- ☐ Create an equipment list which includes manufacturer's information such as name, address, quantity of equipment, status of safety guard, etc.
- ☐ Use plastic slitter to cut the cover of paper roll or replace the blades of the utility knives to non-segmented blade.
- ☐ Keep record of the quantity of utility knife and its usage (e.g. user's name).
- ☐ Implement new safety measures to existing equipment when applicable, otherwise warning signs should be placed on the equipment and proper instruction and education should be given to workers.
- ☐ Establish accident reporting procedure.
- ☐ Establish accident recurrence prevention mechanism as well as implementation and follow-up systems in the future.

Through this meeting, participants from our corrugator and fabricator operations received a better understanding of workplace safety, health and environment. They will bring the knowledge to their factories and share with everyone.

## Serial Report: Safety Always on the Mind

In last issue of *Tri-Wall Now!*, we talked about the four fundamental principles of workplace safety and based on that, rules for creating a safe workplace were defined. In this issue, we will go deeper into one of the most important factors in plant safety management - people.

### Inevitable Human Behavior

During the process of safety management, Inevitable Human Behavior (IHB) is a factor that must be considered. Major IHBs include:

1. Reaching out a hand: when a person or equipment falls, or something is about to fall down, people often tend to reach out and support it.

2. Unconscious behavior (casual action due to lack of concentration): when people are thinking or being absent minded, they may act unconsciously.

3. Mistakes and misunderstandings: people may misunderstand or make mistakes. There are also cases where mistakes occur due to assumptions.



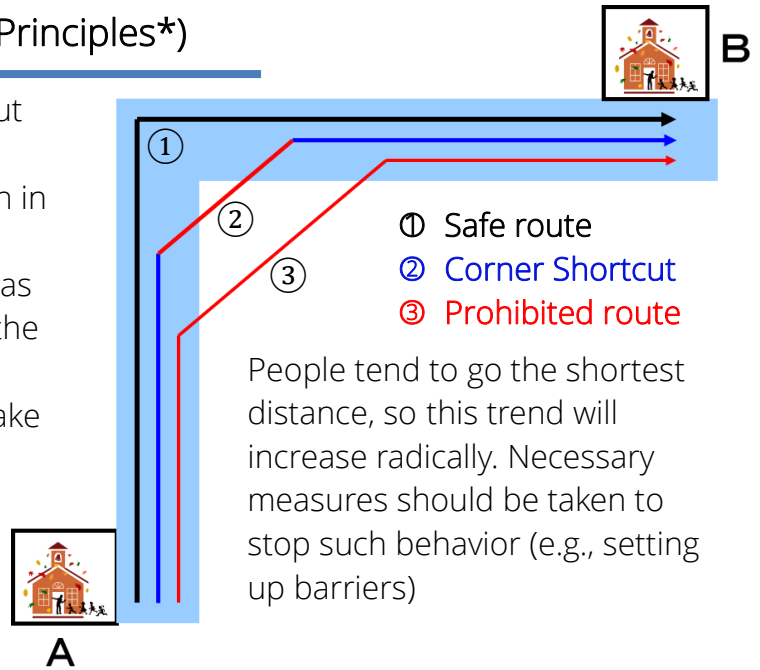
4. Acts due to lack of knowledge: newcomers and assisting staff may try to do things beyond their capability due to lack of knowledge. Therefore, before getting to work, managers must make sure that all workers have received clear instruction on what they must and must not do - most importantly, make sure the reasons behind these instructions are well explained, understood and accepted.



5. Taking shortcuts: people tend to take shortcuts: this is one of the inevitable behaviors of humans. Being aware of this, it is necessary to take safety measures. We will go deeper into this point in the following paragraphs.

## Shortcutting Behavior (The Gestalt Principles\*)

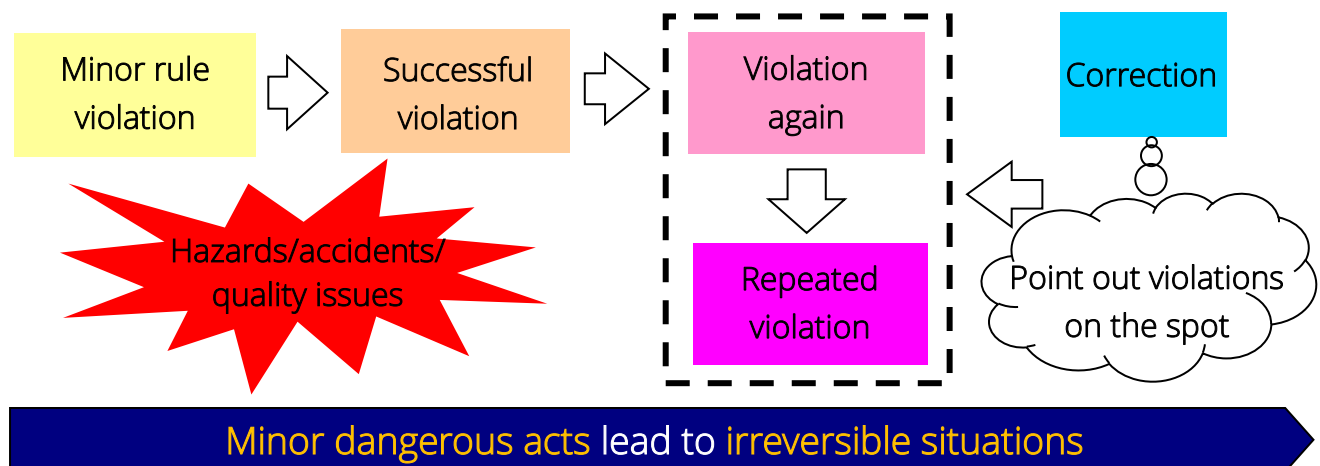
Here is an example to explain the shortcut action in more detail: even if it is a rule to safely walk through the passage as shown in ① when moving from point A to point B, people will gradually shortcut the corner as shown in ②. If there is no problem with the shortcutting, the situation will be further intensified and eventually everyone will take the prohibited route as shown in ③.



\* The word *Gestalt* means "form", "mode" and "phenomenon" in German.

The Gestalt Principles is a summary of research conducted by Gestalt psychologists and "shortcut behavior" is one of these principles.

## Result of Rule Violation



Above shows what happens if you ignore a rule violation such as taking a shortcut. Even if minor violations do not give rise to problems, the successful experience of doing so will cause other violations, which in turn cause irreversible disasters. Therefore, it is important to point out violations on the spot. It is also necessary to explain what happens if rules are not followed. Additionally, if a rule violation is ignored deliberately, those who follow the rules will eventually be led astray. This is the most unwanted situation for any manager.

Managers should be well aware of above points and enhance safety management continuously.



## Tri-Wall COLAB Supported Community Event



**August 24<sup>th</sup>, Hong Kong** - To celebrate the upcoming Mid-Autumn Festival, a workshop was hosted by students of Asia Society and HKU Space to show children how to make rabbit-shaped lanterns by using Bi-Wall cardboard provided by Tri-Wall COLAB. Participants included 15 elementary students from Hong Kong Society for the Protection of Children and 9 voluntary social workers. This event aimed to enhance the creativity of the young generation.

In addition to the workshop, a giant armchair and a puzzle house made of cardboard also attracted the youngsters to marvel at the extraordinary performance of ordinary cardboard.



**News provided by Yasushi Mizutani from Tri-Wall COLAB**

## Macro Plastics at Asia Fruit Logistica 2019

**September 4<sup>th</sup> - 6<sup>th</sup>, Hong Kong** - Asia Fruit Logistica is where every link of the international fresh fruit and vegetable supply chain meets each year to make contacts and do business. Macro Plastics (SP), a business partner of the Tri-Wall Group and a supplier of sustainable supply chain solutions, showcased its signature products at the event with the support of the marketing team of Tri-Wall Limited.

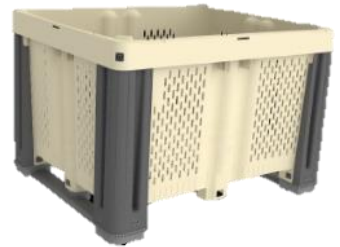


The IsoBin Family (left) is a collection of returnable containers with notable features and benefits. As fully sustainable returnable trip packaging, IsoBins are made with a polypropylene resin which is 100% recyclable to reduce its carbon footprint. The patented



triple wall base is durable and impact-resistant while the unique interlocking foot design ensures safe and reliable stacking.

The Hybrid 1012 (right) is MP's most versatile plastic bin ever. It is exceptionally strong with a load capacity of 500 kg. Ventilation can be configured for the specific application or can be completely solid (shown here is the fully ventilated version). The new innovative columns are designed to act as bumpers, absorbing and recoiling impact to prevent breakage, greatly increasing the bin's durability. This ultra-strong bin can also be stacked high with heavy loads.



Mr. Yuji Suzuki, Mr. Zhou Chuihuan, Ms. Keiko Tachibana as well as customers from Sumitomo and Zen-Noh (Japan National Federation of Agricultural Cooperative Associations) visited our booth for support.



During this year's event, more than 13,500 trade visitors poured through the doors of Hong Kong's Asia World-Expo Center. Exhibitor numbers saw an increase to 826 companies representing 46 different countries.

## News from Tri-Wall Japan

The Birth of Tri-Wall in Asia



2019 Tri-Wall EA Group Innovation Contest



WILLiFE at Life Ending Industry Expo 2019

### 2019 Tri-Wall EA Group Innovation Contest

August 2nd, Hikone City - The 2019 Tri-Wall EA Group Innovation Contest was held at Hikone Castle Resort & Spa in Hikone City, Shiga Prefecture.

This year, before the Innovation Contest, a factory tour was held at the Shiga factory of Yamada Corrugated Container Co., Ltd which is the OEM manufacture partner of Tri-Wall Japan. Through guiding them through the factory, it was a good opportunity for them to look around and to understand Tri-Wall's products and our initiatives to improve quality.



Miyazaki-san giving opening speech

There were three companies that entered the Innovation Competition, and Tri-Wall India also did a presentation. Like last year, Tri-Wall India joined virtually. Kodama-san, who has been assigned in India, and Samarth-san gave a presentation and also shared local trends in India.

Many people participated in the question and answer session at the venue, which ended the meeting vibrantly.



Fuji Chemical Industries, Ltd  
Presenter: Iwasaki-san



Hiroho Co Ltd.  
Presenter: Kawakami san



Chiba Sanritsu Packaging Logistics  
Presenter: Yoshida san



Tri-Wall India  
Kodama-san & Samarth

This year's winner is Kawakami-san from Hiroho Co., Ltd who presented "Replacement examples of Vacuum Formed Trays ". Last year, Hiroho Co., Ltd. came in 2nd place, but this year was a full victory. In addition, it was the first victory in recent years by a female presenter.

2nd place was awarded to Iwasaki-san from Fuji Chemical Industries, Ltd who presented "Proposal for Export Packaging of Large Ink-jet Printer". The score was very close to the winner of Hiroho Co., Ltd. We expect to see a level up presentation at the final competition in Vietnam. Two companies have been selected for the final competition in October.





A social gathering and award ceremony were held after the Innovation Competition.

1<sup>st</sup> and 2<sup>nd</sup> place winners were invited to the final competition and were given a certificate and a gift. Other presenters also received a gift.

From left: Yoshida-san from Chiba Sanritsu Packaging Logistics, Kobayakawa (Director) and Kawakami-san from Hiroho Co. Ltd



Visiting Shiga factory of Yamada Corrugated Container



Social gathering after Innovation Contest

### Result of 2019 Tri-Wall EA Group Innovation Contest

Rank	Company	Presentation
1 <sup>st</sup>	Hiroho Co Ltd.	Replacement of Vacuum Formed Trays
2 <sup>nd</sup>	Fuji Chemical	Export Packaging of Large Ink-jet Printer
Participation Award	Chiba Sanritsu Packaging Logistics	Completed Packing of Stabilizer
Presentation Award	Tri-Wall India	Packaging Solutions for Metro Components

News provided by Nagisa Maeda from Tri-Wall Japan



## WiLLiFE at Life Ending Industry Expo 2019






August 20<sup>th</sup> - 22<sup>nd</sup>, Tokyo - At this year's *Life Ending Industry Expo*, WiLLiFE introduced a newly designed knock-down ecoffin made of Tri-Wall cardboard. Its novelty and eco-friendly properties drew the attention of visitors as well as the media - it appeared in some local media coverage and TV shows (see screenshots below).



News provided by Yasushi Mizutani from Tri-Wall COLAB

## News from Tri-Wall SEA

Tri-Wall Asia: Providing Tri-Wall  
Solutions to Asia's Tiny Giant

-  2019 Tri-Wall SEA Group Innovation Contest
-  Career Training: EQ in the Age of AI
-  Customer Update in August
-  Market Information: CEVA Logistics SEA
-  Creative Works Made of Tri-Wall Cardboard

### 2019 Tri-Wall SEA Group Innovation Contest



August 21<sup>st</sup> - 22<sup>nd</sup>, Hanoi - With five countries competing for three slots in the FINAL - International Innovation Contest which will be held in Hanoi Vietnam on October 19<sup>th</sup>, Mr. John Lymberis (Regional Director and Chairman of TWSEA), Mr. Shuhairi and Tsuda-san faced tough selection decisions.

In this year's Contest, audience members were encouraged to interact with and challenge the presenters on their concepts and proposals, while trainers wrapped up by giving advice on improvements, compliments and enlightenment. In the end, three teams were selected to go to the Final on behalf of the TWSEA Group, they are:



Tri-Wall Vietnam  
*Fast-Quick-Easy Pallet Assembly*

Tri-Wall Thailand  
*Fixture for Assembly and Compressed Parts*

Tri-Wall Singapore  
*Jamco Singapore (Aerospace)*

Congratulations to the above three teams  
&  
Thanks for the participation of all teams!



We also took this opportunity to conduct a marketing training session delivered by Mr. Shuhairi basing on the seven cases submitted, which made the event truly fruitful.

**4 Ds: Discover, Define, Develop, Deliver**

Philosophy of Shuhairi

While the SEA team gathered in Hanoi, we had the privilege to visit **TW VINA's new plant**, which is scheduled to have its official opening on October 18<sup>th</sup>.

Stay tuned for more updates from TW Vina!



**WE ARE READY! SEE YOU ON OCTOBER 19<sup>th</sup>!**



## Career Training: EQ in the Age of Artificial Intelligence



### Know Yourself

Clearly seeing what you feel and do.  
Emotions are data, and these competencies allow you to accurately collect that information.

### Choose Yourself

Doing what you mean to do.  
Instead of reacting "on autopilot," these competencies allow you to proactively respond.

### Give Yourself

Doing it for a reason.  
These competencies help you put your vision and mission into action so you lead on purpose and with full integrity.



Another career training for all team members! This time, the trainer was Mr. Steven Seek, certified coach, consultant, and trainer for Six-Second EQ Competencies.



## Customer Update in August: Perfect Box that Suits Customer's Need

### Acrylic Panel Plain Tri-Wall Sleeve with STC Top and Bottom

Another innovative idea for our customer using our Tri-Wall board with Acrylic panel. It will facilitate storage and returnable use. Furthermore, our customer can easily identify items in the box.

Sleeve - Internal Size: 1200mm x 1200mm x 600mmH

STC Top & Bottom - Internal Size:

1220mm x 1220mm x 150mmH



Miniature prototype

Current Design: Closed-up box made operators unable to see what was inside





## Market Information: CEVA Logistics Southeast Asia - Tomorrow's Supply Chain



Chief Commercial Officer, Laurent Binetti, will give a Keynote address on CEVA's transformation in the Supply Chain Industry.

Our Global Sector Experts for Consumer & Retail, Technology, Automotive and e-Commerce will share the outlook, trends and the future of global supply chain across various industry verticals in Southeast Asia.

Southeast Asia Executive Vice President, Elaine Low and Senior Vice President for Business Development, Axel Herzhauser, will also be covering CEVA's regional business strategies and footprint.

**Date:** Thursday, 22 August 2019



Tomorrow's Supply Chain – over 40 CEVA customers from various industry sectors attended an executive breakfast workshop conducted by our Global Sector Leaders. Led by Laurent Binetti, CEVA's Chief Commercial Officer, the leaders shared a sector outlook and upcoming trends of the global Supply Chain across various industry verticals. Southeast Asia's Executive Management Team, Elaine Low and Axel Herzhauser also gave insights on CEVA's business strategies in the region. It was a fruitful session for both CEVA and our customers as we have in depth discussions on the trending Supply Chain topics.



Senior Customer Service Executive of Tri-Wall Singapore: Ms. Mak SooYi

## Creative Works Made of Tri-Wall Cardboard

August 3<sup>rd</sup>, Singapore - A remarkable project for our client's customer event – FAMILY DAY - the very first ever. Over 100 guests came together with their children on S.T.E.A.M. projects to develop and support computer, science, math, building skills, etc.

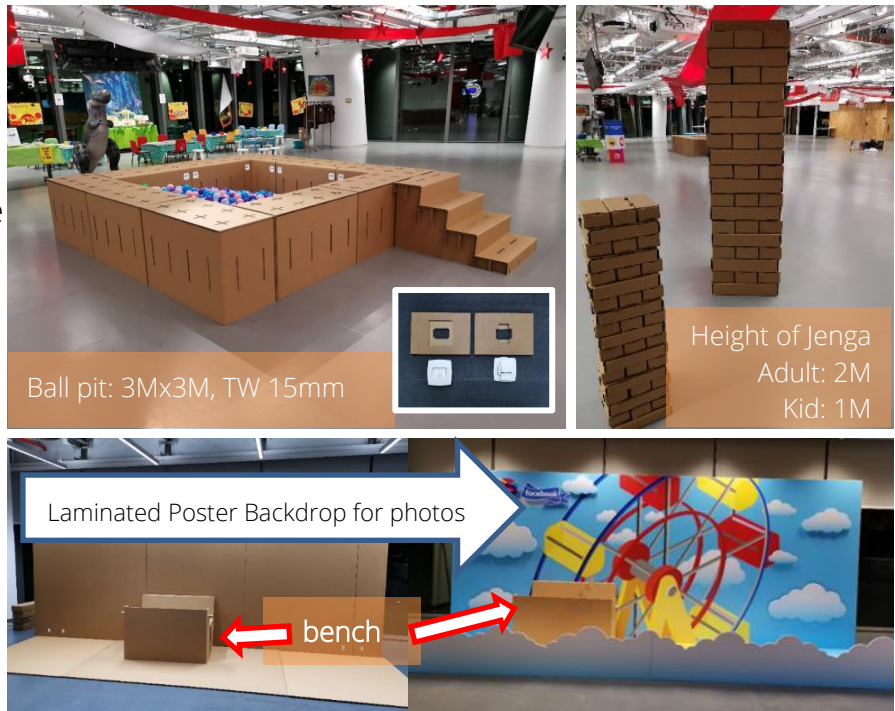
S: Science

T: Technology

E: Electrical

A: Arts

M: Mathematic



Having a night full of FUN at CBMA's 35<sup>th</sup> Anniversary Dinner.

To encourage everyone to join the celebration, we had interactive games with prizes to break the ice! The guests were quite engaged and were full of laughter and cheers!

Pearly was selected to be the Emcee for this event together with Mr. C M Lau, Sales Director of Altas Paper.

## News from Tri-Wall SEA

**Tri-Wall Indonesia: Providing Modern Packaging to SE Asia's Largest**



**KAIZEN Action at Tri-Wall Indonesia**



**Tri-Wall Indonesia Sport Tournament**

### KAIZEN Action at Tri-Wall Indonesia



Participants took a group photo with the management team after the contest

With the strong effort by all employees to improve quality and productivity, PT. Tri-Wall Indonesia conducted a program called Kaizen Action which was held from July to August. This program is in line with the agenda from our HQ office to have an annual Innovation Contest. This program was led by Mr. Atin, head of our QC Department, with the support of other department heads. This program aimed to increase employee's working spirit by

developing a sense of responsibility in all areas of their work, starting from the small things to grow to big productivity gains through continuous improvement.

The program was attended by many groups of contestants. It showed the enthusiasm of employees to make improvements in their working areas. After several elimination rounds, we finally awarded three winners. Improvement is a continuous process that will never end. Thus, the company is planning to make this contest an annual event to encourage all employees to making continuous improvements.



Presentation session



## Tri-Wall Indonesia Sport Tournament



In celebration of Indonesia's Independence Day on August 17<sup>th</sup>, 2019, PT. Tri-Wall Indonesia held a Sport Tournament in the beginning of August 2019. In addition to celebrating the Independence Day, the event also aimed to strengthen the physical health of all employees and enhance the spirit and communication among team members. Games of the tournament included futsal, table tennis, chess and fishing. Almost all employees participated in this tournament because they were able to choose which sport suits them best.

In the futsal match, players were not only employees of Tri-Wall Indonesia, but also their family members - they are also an important part of Tri-Wall Indonesia. Due to the limited space at our company, some of the contests such as futsal and fishing were held at outside venues.

All employees had a good time with these relaxing activities, which were a nice change from their daily work. It is hoped that such activities will further improve teamwork and productivity.



## News from Tri-Wall Europe

**Tri-Wall Europe: Offering Tri-Wall  
Across Many Nations, Many Cultures**



**Tri-Wall UK to Set Worldwide Standard  
on Transportation of Batteries**



**Floating Away at Monmouth Raft Race**

## Tri-Wall UK to Set Worldwide Standard on Transportation of Batteries

Tri-Wall UK has won government funding towards a project that will set the world-wide standard on the transportation of batteries. It has secured more than £700,000 of funding towards their £1.18million stake in a project that will set the standard for the future on how lithium-ion batteries are transported worldwide.



Tri-Wall are part of a consortium of eight companies and institutions including Jaguar Land Rover, 3M, Denchi Power, Potenza, Lifeline Fire and Safety Systems, the Health and Safety Executive, and the University of Warwick, which will develop the latest battery technologies, as well as setting the packaging and handling in-transit standards for lithium-ion batteries.

Total funding for the joint project, named LIBRIS, comes to just under seven million pounds and was granted by the UK Government through the Faraday Battery Challenge. Bringing together world-leading businesses and academia to accelerate the research needed to develop the latest electric car battery technologies, the Faraday Battery Challenge, is a crucial part of the UK's move towards a net zero emissions economy.

Gavin Peters, the Managing Director of Tri-Wall's UK region, says: "This project is of enormous significance to Tri-Wall and to the future development and transportation of lithium-ion batteries, as we move towards more sustainable methods of powering our vehicles.

Lithium-ion batteries are commonly used for portable electronics and electric vehicles, but they are growing in popularity for military and aerospace applications.

Mike Valentine, Tri-Wall's Business Development & Projects Lead, says: "This project is an example of where collective expertise is being brought to bear on the biggest challenges facing the development of next-generation electric car batteries, from their power source and performance to safety and manufacturing."

## Floating Away at Monmouth Raft Race 2019



**September 1st, Monmouth** - The Monmouth Raft Race is an annual event organised by the Rotary Club of Monmouth. This year's event was the 54<sup>th</sup> edition.

In the event, clubs, companies and individuals raced 6.5 miles down the iconic River Wye in Monmouth to raise money for charity. It was required that the rafts be hand built. With an excellent know-how in design, we made ourselves a solid contender.

Team Tri-Wall consisted of Kevin Williams, Tony Hooper, Rhys Jones, Dean Corbett, Alex Hunt, Matthew Griffiths, Sam Benett and Andrew Jones, with Dave Bennet transporting the raft. Weather was great and the team worked hard to complete the race, coming in at a fabulous 2<sup>nd</sup> place (not all rafts made it).

All revenues raised will be donated to St. David's Hospice Care (75%) and other charities supported by the Monmouth Rotary Club (25%).



News provided by Gail Jones from Tri-Wall UK

## 2019 September Public Holidays

2019 September						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Malaysia-Awal Muharram	2 Malaysia-Awal Muharram Holiday	3	4	5	6	7
Indonesia-Muharram	Vietnam-Independence Day United States-Labour Day					
8	9 Malaysia-Agong's Birthday	10	11	12	13 PRC-Mid-Autumn Festival Taiwan-Mid-Autumn Festival Korea-Harvest Festival Holiday	14 Hong Kong-The day following Mid-Autumn Festival Korea-Harvest Festival Holiday
15	16 Japan-Respect for the Aged Day Malaysia-Malaysia Day	17	18	19	20	21
22	23 Japan-Autumnal Equinox Day	24	25	26	27	28
29	30					

The above office holidays are subject to change.

### Tri-Wall Limited

19/F., Ka Wah Bank Centre  
232 Des Voeux Road Central  
Sheung Wan, Hong Kong  
Tel: (852) 2866 8803

### Tri-Wall Now Staff:

Producer: Keiko Tachibana  
Editor-in-chief: Joan Zhu & Cecilia Ma  
Japanese translator: Liang Liang & Masami Kido (Part-time)  
Proof-reader: Matt Ryan & Keiko Tachibana

It takes nothing to join the crowd, it takes everything to stand alone. - Hans F. Hansen

If you have any comments or suggestions, please feel free to contact us via email:

[joan@tri-wall.com](mailto:joan@tri-wall.com) / [cecilia@tri-wall.com.hk](mailto:cecilia@tri-wall.com.hk)

