SAFETYWARE UPDATES//

JULY - SEPTEMBER 2019



WWW.SAFETYWARE.COM



SAFETYWARE UPCOMING EVENTS
JULY 2019





ELECTRONICS MANUFACTURING EXPO ASIA 2019

TIME: 10AM TO 6PM VENUE:

SETIA SPICE ARENA (PENANG, MALAYSIA)



MAJLIS PENUTUP OSH WEEK 2019

TIME: 7.30AM TO 2PM

VENUE :

KOMPLEKS SUKAN KRISS, MODENAS (GURUN, KEDAH)

PROVINCE WELLESLEY RUN

TIME:

6.30AM TO 11PM

VENUE:

PADANG PEMUDA MERDEKA (BUTTERWORTH, PENANG)

PRODUCT LAUNCHING

24-26 **JULY**

- » KRATOS
- » SUNDSTROM
- » PORTWEST
- » ULTITEC

TIME:

8.30AM TO 5.30PM

VENUE:

24 JUL - SAFETYWARE ACADEMY (PENANG) 25 JUL - SHAH ALAM CONVENTION CENTRE 26 JUL - CRYSTAL CROWN HOTEL (JOHOR BAHRU)



Slips, trips and fall from MAX HEIGHT are no joke

That's why you need a **PROFESSIONAL**





HEARING PROTECTION IN THE WORK PLACE

Nothing is as precious as when you lose it. Unfortunately this is often the case. So you had better 'listen' to the following advice (no pun intended) for protecting your hearing is of the highest importance. The ability to hear is one of our most important senses to operate in life on a daily basis, at home and at work, in-fact everywhere. Losing our hearing, whether from disease, injury, or long term exposure to loud noises is a tragedy and very costly indeed. The truth is that most hearing loss is due to negligence or could have been avoided easily and inexpensively especially in the workplace.



WHY IMPORTANT?

The workplace is where a large percentage of hearing loss and injuries occur usually due to long term exposure to loud noise. The ear isn't adversely affected in anyway by sounds which occur in the 0 decibel to 80 decibels level which include background noises like humming of the refrigerator, insect sounds and birds chirping, distant noises of traffic and aircraft, and close-by sounds of conversations, hair-dryer, and music played at decent levels. But when noise levels reach 85 decibels for 8 hours that's when damage to hearing happens.

In factories, noise levels can reach above 100 decibels which can cause hearing loss in 15 minutes or less. Or at the construction site, piling work can reach above 120 decibels which can cause permanent hearing loss within minutes without hearing protection. Unfortunately this type of hearing damage called Sensorineural Hearing Loss is permanent and cannot be surgically repaired unlike Conductive Hearing Loss which is caused by medical problems. A combination of the above two called Mixed Hearing Loss can be partially corrected by surgery.

A worker could become jobless or at least be rendered less effective because of hearing loss which usually causes poor communication with other workers resulting in miscommunications, mistakes, and waste of time. All this will also hurt the employer too in the long run, dollars and cents wise. Worker compensation

payouts for hearing loss due to noisy work conditions can reach enormous sums and in fact has been the case for decades in most countries.

Methods and Personal Protective Equipment used in combating hearing loss

There are ways to fight against hearing loss at the workplace. Firstly, by training and making workers aware of the causes of hearing loss and importance of wearing hearing protection when working. Secondly, is by administrative way, for example, by making sure the noise levels at the workplace are reduced significantly or at least reasonably, or by rotating workers in extra noisy areas of the factory etc. And thirdly, monitoring workers' hearing by checking them once a year to see if there is any hearing loss from year to year. And last but not least by providing workers with PPEs against hearing loss such as earplugs and ear-muffs.

Earplugs which are cheap are more effective if they are properly worn but some experts say that ear-muffs which are more expensive can be more reliable and effective hearing protection in the long run.

It's sad if we don't take the necessary but simple measures to protect our hearing whether in the workplace, home, or at most noisy places. In the workplace both the worker and the employer should learn, equip, and practice safety practices and take steps to protect individuals against hearing injuries that has caused people, companies, and governments trillions of dollars worldwide over the decades.

As revealed by Occupational Safety and Health Administration (OSHA), over twenty-two million workers are exposed to potentially damaging noise at work each year. And it is estimated \$242 million is spent annually on workers' compensation for hearing loss disability. Hearing seems one of the senses that is least to be taken care of in the workplace. Workers might take it for granted or has no knowledge at all on the importance of hearing protection in the workplace. Thus, workers should be made aware of how loud is too loud, importance of hearing protection and its consequences if one does not protect it.

How loud is too loud?

It is crucial to instruct and drill workers to put on hearing protection be it ear plugs or ear muffs while working if they had no clue on the degree of noise that they should be alert of. The measurement of noise was pioneered by Alexander Graham Bell of which it is measured in units of sound pressure levels called decibels. The sound levels are:

20 decibels:

faint whisper, silent study room

30-40 decibels:

pleasant sound, a bird chirping

50-60 decibels:

normal, everyday conversation

70-90 decibels:

heavy machinery, garbage disposals, electric motors, city traffic, boiler room, classroom chatter, freight train

100-120 decibels:

power saw, jack hammer, lawn mower, motorcycle, rock music, construction site, night club (w/music)

140++:

gun shot, jet engine. (This level will cause physical pain in your ears if unprotected)

It is said that hearing loss can occur when exposed to 85 decibels of noise averaged over 8 hours. Thus, it is crucial to wear a proper hearing protection in the workplace

IMPORTANCE OF HEARING PROTECTION



Why is it important to wear hearing protection?

It is undeniable that employers play a vital role in guiding workers to wear correct Personal Protective Equipment (PPE) that comply with OSHA hearing protection requirements. According to OSHA, the employer must re-evaluate the suitability of the employee's hearing protector whenever a change in working conditions may take it inadequate. This shows how crucial it is to ensure that working space is safe enough for workers to proceed with the job. Employers also must demonstrate on how to use and clean up the hearing protectors on the job to ensure that they continue to wear them correctly. Moreover, by conducting necessary training in the workplace, this shows how committed the employers are towards ensuring the safety and health of the workers as they are the assets to the organization.

Hearing impairment is one of consequences of not wearing a proper hearing protection in the workplace. If occur, it will give a huge impact not only to the worker individually but also to the organization. While that worker might have a permanent disability, the organization also will lose its manpower and shrink its productivity. Thus, it is crucial for employers to train and drill the workers properly on how to choose and put on correct PPE of hearing protection while doing their job in the workplace. It might look insignificant at first but to prevent something from happen in the first place is always the best cure!



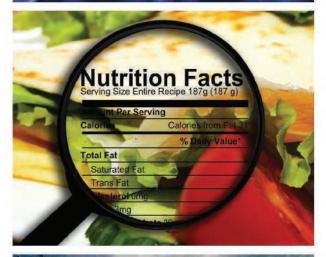
CHEMICAL AND HEAVY METAL TESTING

Heavy metals such as mercury, arsenic, lead, cadmium, tin and antimony are toxic metals and harmful to all living organism. Accumulation of such elements over time can cause serious illness or fatality. To ensure it's safe, we apply AOAC method to determine heavy metal residue in food.



HALAL & GMO TESTING

Halal by Islamic law means allowed or permitted objects or actions under Shariah law. Commonly use of Halal certification is on meat products, food contact materials and pharmaceuticals, clothing, business, human relationship & etc. The GC, PCR method is being use to test for Chemicals. Alcohol Content, Foreign DNA, Porcine and other contaminants.



NUTRITION FACT TESTING

The nutrition facts label also known as the nutrition information panel is a label required on most packaged food and drink in most countries. Predominantly the core nutrition facts are Protein, Total Fat, Carbohydrate and Energy. Our testing services for nutrition facts and labelling meets all FDA/USDA, EU Directive 90/496/EEC, Australia, New Zealand, Singapore, Hong Kong, Taiwan, Malaysia, Middle East and other statutory requirements.



PRESERVATIVES & PESTICIDES TESTING

Preservatives are synthetic or natural substances which are added into products during production process to prevent decomposition of food products. We provide an accredited testing service to examine preservative and pesticide levels for both consumer and industrial products.



FOOD PACKAGING MATERIALS TESTING

Food packaging materials is the materials used in packaging for food. It is designed to provide physical protection on the food, for instance barrier protection etc. as well as information transmission. The following testing as required under the Malaysia Food Act 13th Schedule, Regulation 28 is for Arsenic, Cadmium, Antimony, Lead. And as required under Regulation EC/1935/2004: Material contact with food is for 4-methylbenzophenenone, Bisphenol A, Pentachlorophenol, Arsenic, chromium, Lead, Copper.



HEALTH CERT & FREE SALES

Different product require different test parameters. Commonly required will be microbiological, preservative, and heavy metal tests. Microbiological test such as Total Bacteria Count, Mold & Yeast Count, Coliform, and other pothogenic bacteria are the core parameters. Also heavy metal such as Mercury, Lead, Cadmium, Arsenic and preservatives such as Benzoic Acid are also commonly required for Health Certificate Application and Free Sales Application



PHARMACEUTICAL & TRADITIONAL

HERBS TESTING

Pharmaceutical products especially Antibiotics are commonly tested because it is a substance to kill or inhibit the growth of a specific bacteria. Antibiotic is widely used in human and animal such as livestock to prevent the infection of bacteria or viruses. The USP, BP, LC methods are used for pharmaceutical testing. Where herbs are used for its medicinal value, Testing is conducted on it's parts such as leaves, roots, flower, seeds, resins, root bark, inner bark, berries or other portions of the plant. The USP, BP methods are applied for Herb Testings.



EDIBLE OIL TESTING

Overheating or recycling oil can be harmful due to oil deterioration, polymerization, oxidation etc. We are licensed to test edible oil and petrochemical products under the Malaysia Palm Oil (MPOB) & Federation of Oils, Seeds and Fats Associations (FOSFA). We cover accredited tests such as FFA, M&I, IV and DOBI, as these core parameters are often required by the industry. We are committed to provide same day delivery (SDD) and accurate results to meet your surveyor and customer's shipping schedule.

Unleash the "SUPER" in you – the Immune Sysem of Leadership

Peak performers are invariably good leaders. Leaders wear many hats.

In fact, it has been commonly argued that good "leadership" must also embrace "followership". That is, leaders must know when to be a follower too.

The "SUPER" Leadership modules was developed through many improvisation of our Personal effectiveness and Peak Performance programs over the years. Amazingly, the five alphabets S.U.P.E.R comprehensively represent ten aspects of practical leadership.



Let's look at each of the **TEN** aspects briefly.

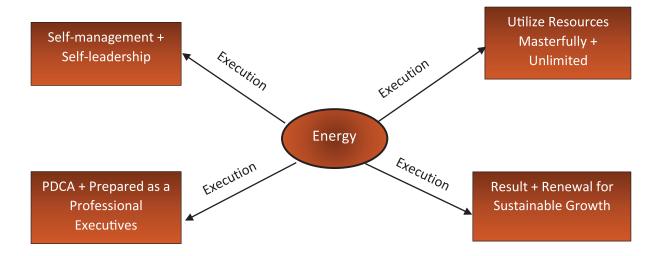
Self-management is the starting block of all other forms of management, in particular, people management. You can't manage others, if you can't even manage yourself.

The same goes for leadership. Self-leadership entails proactivity and taking initiatives. It also enables self-motivation – the source of endless energy.

Peak performers Utilize resources masterfully, including own talents/resources and that of others. With mastery of the mind, exploring boundless possibilities, one can have access to Unlimited resources and achieve unlimited success.

The next alphabet represent the use of PDCA methodology, the basics of all planning and control mechanism, to be prepared as a Professional Executive.

When we look at all the ten aspects as a system, we realised their inter-relationship. When all are functioning well, the entire flow is sustainable and it resemble the human immune System! Central to it, at the heart is Energy which trigger Execution and enable the other aspects. Leaders inspire others through positive energy and enable execution efficiently and effectively.



The final alphabet R reminds us to plan and focus on getting the Results we want. In corporate terms, setting and achieving the right KPIs.

However, past results do not guarantee future success. Hence, the continuous needs in ensuring Renewal for sustainable growth.

From the forgoing anatomy of the "SUPER" Leadership model, we can see that it is not possible to describe leadership distinctly and compartment. "SUPER" but it is an integrated and practical approach that covers the key aspects of leadership development for organisation development.

Towards peak performance, let's start with Personal Mastery and unleash the "SUPER" in you! Let's join us. Kindly register via https://goo.gl/P8hMKn or contact 010-562 5456 (Ms. Jaslene) to find out more!



PRODUCT HIGHLIGHT

SAFETY VEST



PORTWEST WARSAW EXECUTIVE VEST

ITEM CODE: C476

- · Sizes Available: Reg XS 5XL (standard)
- · Color: Yellow/Navy, Orange/Navy, Yellow/Black & Yellow/Royal
- · Dual ID holder
- · Phone and pen holder pocket
- · D-ring for keys or ID cards
- · Two lower patch pockets
- · Reflective tape for increased visibility
- · Contrast panels for protection against dirt
- · Certified to EN ISO 20471 after 50x washes
- · CE certified









PORTWEST HI-VIS TWO TONE VEST

ITEM CODE: C484



- · Color: Yellow/Navy and Yellow/Royal
- · Two-band vest with contrast lower body
- · Lightweight and stylish
- · Generous fit for wearer comfort
- · Reflective tape for increased visibility
- · Hook and loop closure for easy access
- · Generous fit for wearer comfort
- · Certified to EN ISO 20471 after 50x washes
- · CE certified





PRODUCT HIGHLIGHT





ELECTRICIAN GLOVES

SALISBURY Black High Voltage Linemen's Gloves

- · Designed for working on or near energized circuits.
- Each glove is visually inspected and electrically tested prior to shipment.
- · The testing is to assure compliance with correct ASTM D120 Standards and IEC EN60903 standards as required by OSHA.
- · Appropriate leather protector gloves should be used when working above 240 volts AC.
- · The gloves made with Type I Natural rubber are extremely flexible to make working with small parts easy.













PRODUCT HIGHLIGHT

PORTWEST FLASHLIGHT



PORTWEST PA61 High-Powered Enforcer





- Three standard D size batteries are used.
- The ultimate in security torches, the High Powered Enforcer delivers cutting edge highpowered CREE technology with a long run time.
- Available function called High-Medium-Low-Flash-SOS.
- Premium water resistant fabric.
- Highly durable and impact resistant.
- Wrist strap for secure handling.







PORTWEST PA67 Taskforce Security Torch

ITEM CODE: PA67

- Highly efficient and multi-functional hand held torch with zoom control.
- The durable aluminium house provides excellent impact resistance and the textured finish ensures a reliable grip.
- Premium water resistant fabric.
- Wrist strap for secure handling.



Length	215mm
Diameter	30mm



PORTWEST PA54 Tactical Torch

ITEM CODE: PA54



- Strong and durable precision engineered aluminium shell torch.
- Available function called High-Medium-Flash.
- Uses new CREE technology which is up to 10 times brighter than current L.E.D bulbs.
- Telescopic zoom allows focus from flood to spot light settings.
- Wrist strap for secure handling and belt clip for easy transportation.
- Rubber button is ergonomically designed to be used even when wearing gloves.



Length	137mm
Diameter	35mm





PERSONAL PROTECTION

Horizontal rail system

- with a high weight block
- Various routes may be used, thanks to the bending angles and switch which enable continuous movement

Horizontal cable system

- Allows a continuous horizontal movement without unclipping when passing the intermediate supports
- Corrosion resistant, fully made of stainless steel
- Careful design and finish of the line for a perfect integration with various
- A specific patented energy absorber enables a substantial reduction of forces on fixings

Anchorages

Full range of anchorage points or lifeline supports designed for the most varied structures.

ALTIFIX a VERTIC innovation

Support with a release mechanism which ensures an optimal safety.

- roofing with bitumen or PVC membrane, steel deck, aluminium, zinc or
- Possible stress in all the axes
- · Renewal of waterproofing simplified

ERTIC

COLLECTIVE PROTECTION

Guardrails

Fully made of aluminium Various possibilities of installation

- On parapet
- On steel deck

✓ Fall arrest grids

- · For rooflights or translucent roof elements
- Designed for all types of configurations

✓ Crinoline ladders

- Easy installation



A STRONG R&D DEPARTMENT FOR MORE THAN 15 YEARS



- · More reliable, long-lasting and ergonomic
- · Unique, high-tech and design products.
- · Extreme simplicity of installation and use

RESISTANT AND **CERTIFIED PRODUCTS**

Vertic carries out many tests to ensure a perfect lifespan and security of the products.

Our products have a 10-year guarantee and meet international standards and regulations.

SPECIFIC SYSTEM

Allows a horizontal, inclined and vertical routing in complete safety without unhooking from the system.

A unique, patented product

Great freedom of movement and optimal safety on the rail, thanks to



Slope from 0° to 180°

TAILOR-MADE SOLUTIONS

Our technicians and engineers are specialists in mechanics and civil engineering, and design your projects.

An integrated design office, equipped with the most performant softwares, produces installation drawings and calculation notes and designs special equipments (walkways, access ladders, suitable mountings...) that





Revolutionary equipment



Vertic is proud of the Combirail, its own inveawarded by the professionals of the sector.



BRAND HIGHLIGHT



BUY 1 GET 1 FREE RM 4 XXX

In-house Training

30pax / class 8 hours/ Training



Training (Pick 1)

- 1. Chemical Handling & Management
- 2. Incident Accident Investigation
- 3. Lockout Tagout (LOTO)
- 4. Fire Safety & ERP
- 5. Forklift Safety

- 6. Ergonomic at Workplace
- 7. Material Handling & Warehouse
- 8. Hearing Conservation
- 9. Scheduled Waste Management
- 10. HIRARC

Free Training (Pick 1)

- 1. Working At Height
- 2. OSH Laws and Legislations
- 3. Personal Protective Equipment (PPE)
- 4. OSH Safety Awareness
- 5. Effective Safety & Health Committee
- 6. Stress Management
- 7. First Aid & AED

TERMS AND CONDITIONS:

- 1. Promotion valid in Penisular Malaysia only.
- 2. No cancellation or refund after training booking confirmed, however substitute participant is allowed.
- 3. Safetyware EHS Consultancy has the right to change date, time, venue, trainer or cancel the session due to unforeseen or avoidable circumstances.
- 4. Vouchers redemption validity is 30th June 2019.
- 5. Training fee is inclusive of training materials and handouts, exclude meal.

www.ehs.safetyware.com.mv | ehs@safetyware.com.mv



S.H.E WORKSHOP



JOINT ORGANIZED BY:







CPR + AED

- Understanding causes of death.
- · Comprehension of Importance of Chain of Survival.
- Perform Adult/Child Cardio-Pulmonary Resuscitation [CPR].
- Use of Automated External Defibrillator [AED].
- · Understand systematic approach to diagnose patient.

MS LILY ISMAIL

- · Lead EHS Consultant for Safetyware EHS Consultancy S/B.
- Appointed as 3M Malaysia as Certified Train the Trainer's.
- Certified Trainer with more than 10 years experience in Occupational Safety & Health (Industrial) as well as Environmental focusing on Personal Protective Equipment (PPE).

INDUSTRIAL HYGIENE & COMPLIANCE

- Introduction towards Worker Safety and Well-Being, through Anticipation, Recognition, Evaluation and Control Methodology.
- Emphasize on Key Components and Compliance towards OSHA 1994, USECHH, FMA & etc.

MR MAX LEE KEAN EU

- Industrial Hygiene Assessor and/or Competent Person from MY CD2 Group of Companies and registered with DOSH.
- 3 years of Occupational Health & Safety Experience.
 HQ/11/ASS/00/294
 HQ/11/JHI/00/180
 HQ/12/PEB/00/119
 HO/17/ASS/00/00016
 HO/18/JHII/00/00017

RM 150 | PAX RM500 | 5 PAX 21 · AUG · 2019

Safetyware Academy, Bukit Minyak, Penang **MEET & GREET** 9:00 AM - 5:00 PM

www.ehs.safetyware.com.my | ehs@safetyware.com.my

SAFETYWARE EHS CONSULTANCY

Make Safety Happens

WIN LAZADA VOUCHERS WORTH RM20.00 x 4

SAFETY QUIZ

- 1. Which of the following range of sound levels that will affect human hearing?
- a. 50-80 decibels for 8 hours

b. >85 decibels for 8 hours

c. 0-30 decibels for 8 hours

d. 30-50 decibels for 8 hours

- 2. Which of the following are the OSHA requirements for hearing protection?
- I. Suitability of the employee's hearing protector has to be re-evaluated whenever his or her working conditions changed
- II. Conducting trainings in the workplace when necessary
- III. Having a meeting with the HODs (Head of Department) to discuss if any hearing protectors are needed for each department
- IV. Employers must demonstrate on how to use and clean up the hearing protectors to their employees
- a. I & II only

b. I, II & III only

c. I, II & IV only

d. All of the above

3. What is the ways to fight against with the hearing loss?

١,	
Π.	
iii.	

4. Do you know which of the followings are hearing protection equipments?

I. Ear Muffs

II. Headphones

III. Ear Plugs

a. I & II only c. II & III only b. I & III only d. All of the above

5. What is the consequences if the employees have hearing loss problem?

١.		
П.		

- 6. Which of the following is the hearing damage caused by high noise levels?
- a. Conductive Hearing Loss
- b. Sensorineural Hearing Loss
- c. Auditory Neuropathy Spectrum Disorder

MINI GAME

Find The Words



VJVYDEKSLY S Z Ε S S K

EAR **PROTECTION** DECIBEL NOISE **SIGNIFICANT INJURIES** KNOWLEDGE **ALERT EXPOSE**

Terms and Conditions:

I) Limited 4 Lazada Voucher (only applicable for Safetyware store) RM20 only per winner, First come first serve

II) The participant require to provide us a valid Company Name, IC Number, Contact Number, Address and Correct Answer by sending email to marketing@safetyware.com.my

III) Prizes are not exchangeable or redeemable from SAFETYWARE for cash. Prize winner does not respond within this period, an alternate winner will be selected from the entrypool by random selection. SAFETYWARE reserve the right to change these proceedings without notice. IV) The Safety Quiz & Mini Games ends on 31 August 2019. The winners will be personally notified.

V) All and any questions or disputers will be subjects to the exclusive jurisdiction of the SAFETYWARE Management.

SHE UPDATES

JULY - SEPTEMBER 2019



NEWS UPDATES HIGHLIGHT



S.H.E is a strategic alliance between three leading companies in the Safety, Health and Environment field. S.H.E Alliance increase customers's awarness toward Safety, Health and Environment, help customer to prevent incidents or accidents that might result from abnormal operating conditions on the one hand and reduction of adverse effects that result from normal operating conditions on the other hand.



SAFETYWARE GROUP

Safetyware Sdn. Bhd. (632971-X) Safetyware EHS Consultancy Sdn. Bhd. (954196-M) Safetyware (SG) Pte Ltd (201208598R) Safetyware (UK) Limited (8533248) Quicksign Sdn Bhd (99556-U)

Email : info@safetyware.com Website : www.safetyware.com



Penang Head Office

Plot 237, Lengkok Perindustrian Bukit Minyak 3, Bukit Minyak Industrial Estate,14100 Simpang Ampat, Penang, Malaysia. T:+604-5023 882 (8 lines) F:+604-5081 882

Kuala Lumpur Office

8trium M1-16-08 Menara 1, Lot 62539, Jalan Cempaka SD 12/5, Bandar Sri Damansara, 52200 Kuala Lumpur, Malaysia. T:+603-6262 0882 (4 Lines) F:+603-6270 0393

Johor Office

G37, Jalan Austin Perdana 2/22, Taman Austin Perdana, 81100 Johor Bahru, Johor, Malaysia.

T:+607-3576 882 (3 Lines) F:+607-3577 882

Melaka Office

No. 18-1, Jalan PPM 4, Plaza Pandan Malim, 75250 Melaka, Malaysia. T:+606-3363 882 (2 Lines) F:+606-3375 881



Singapore Office

33 Ūbi Avenue 3, #06-54 Vertex, Singapore 408868. T:+65 67440882 F:+65 68420882



United Kingdom Office

Office 4, 219 Kensington
High Street, London,
United Kingdom, W8 6BD.
T:+44 2032863882
F:+44 8458520882



MY CO2 GROUP

MY CO2 Sdn. Bhd. (744438-M) MY CO2 (KL) Sdn. Bhd. (1155142-M) MY CO2 (JB) Sdn. Bhd. (1155302-A) (GST No. 000462 401 536)

Email: enquiry@myco2.com.my Website: www.myco2.com.my

Northen Hub (SAMM 384)

16, Lengkok Kikik 1, Taman Inderawasih, 13600 Perai, Penang, Malaysia. T:+604-380 8282 F:+604-380 8280

Central Hub (SAMM 564)

40, Jalan Sepadu B25/b, 40400 Shah Alam, Selangor, Malaysia. T:+603-5122 3366 F:+603-5122 3386

Northen Hub (SAMM 752)

15, Jalan Molek 1/8, Taman Molek, 81100 Johor Bharu, Malaysia. T:+607 - 355 8811 F:+607 - 355 9808



VA GROUP

VA Learning Sdn Bhd (CO. No. 1050469-M) VA Resources Sdn Bhd (CO. No. 847799-K) VWellGarden Sdn Bhd (CO. No. 1034162-T)

Email: enquiry@vapartners.com.my Website: www.vapartners.com.my

VA Learning & Wellness Centre 488 D-04-06 & 10, One-Stop Centre, Midlands Park, Jalan Burmah,10350, Penang, Malaysia. T:+604 2288359 F:+604 2275043