

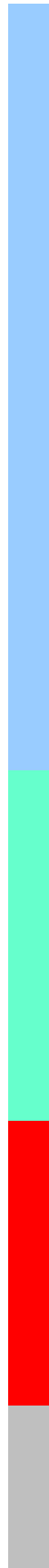


Company Profile





About Us



About Us

Sans Global Engineering Sdn. Bhd. was incorporated in Malaysia on 12th January 2016 as a Mechanical and Electrical (M&E) engineering firm specializing in fire protection services. The fundamental business of the company is to provide a complete engineering and project management solutions to clients both locally and internationally which include design, supply, install, testing and commissioning and maintenance of fire protection system.

Our company is led by a strong team of qualified and professional mechanical engineers specializing in fire engineering. With our strong technical knowledge and experience, Sans Global Engineering is capable of offering our clients the highest quality of fire engineering services which is in compliance with Malaysian Local Fire Authority (BOMBA) requirements, Malaysian Uniform Building By-Law (UBBL) requirements and National Fire Protection Association (NFPA) standards. Besides, Sans Global Engineering also provide supplementary services like value engineering analysis, environmental, health and safety study, fire risk assessment and etc.

Sans Global Engineering serve a wide range of clients in both government and private sectors focusing mainly on power generation plants, chemical plants, warehouses and factories, data centers, aircraft hangers and etc.

In Sans Global Engineering, our core principle is to deliver excellence engineering services and ensure customer satisfaction in every project we involved.



Vision & Mission

Vision

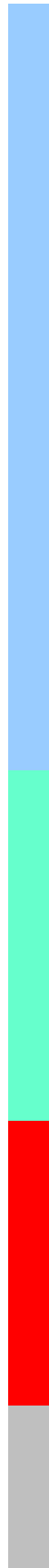
To become one of the best engineering firm locally and internationally offering quality engineering solutions and achieve engineering excellence in the field of mechanical engineering specializing in fire fighting services.

Mission

- ❖ To develop a team of talented and qualified professional engineers with strong technical engineering and project management knowledge to meet customers and projects requirements.
- ❖ To maintain the highest standard and quality of works in every projects involved.
- ❖ To achieve customer's satisfaction and always exceed customer's expectation.
- ❖ To nurture the company with utmost integrity and honesty and build customer's trust and relationship.
- ❖ To grow and strengthen the company's reputation in the market globally.



Company Overview

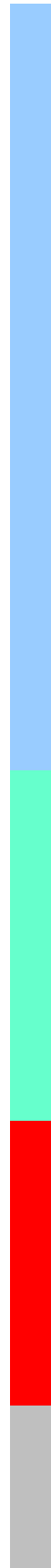


Overview

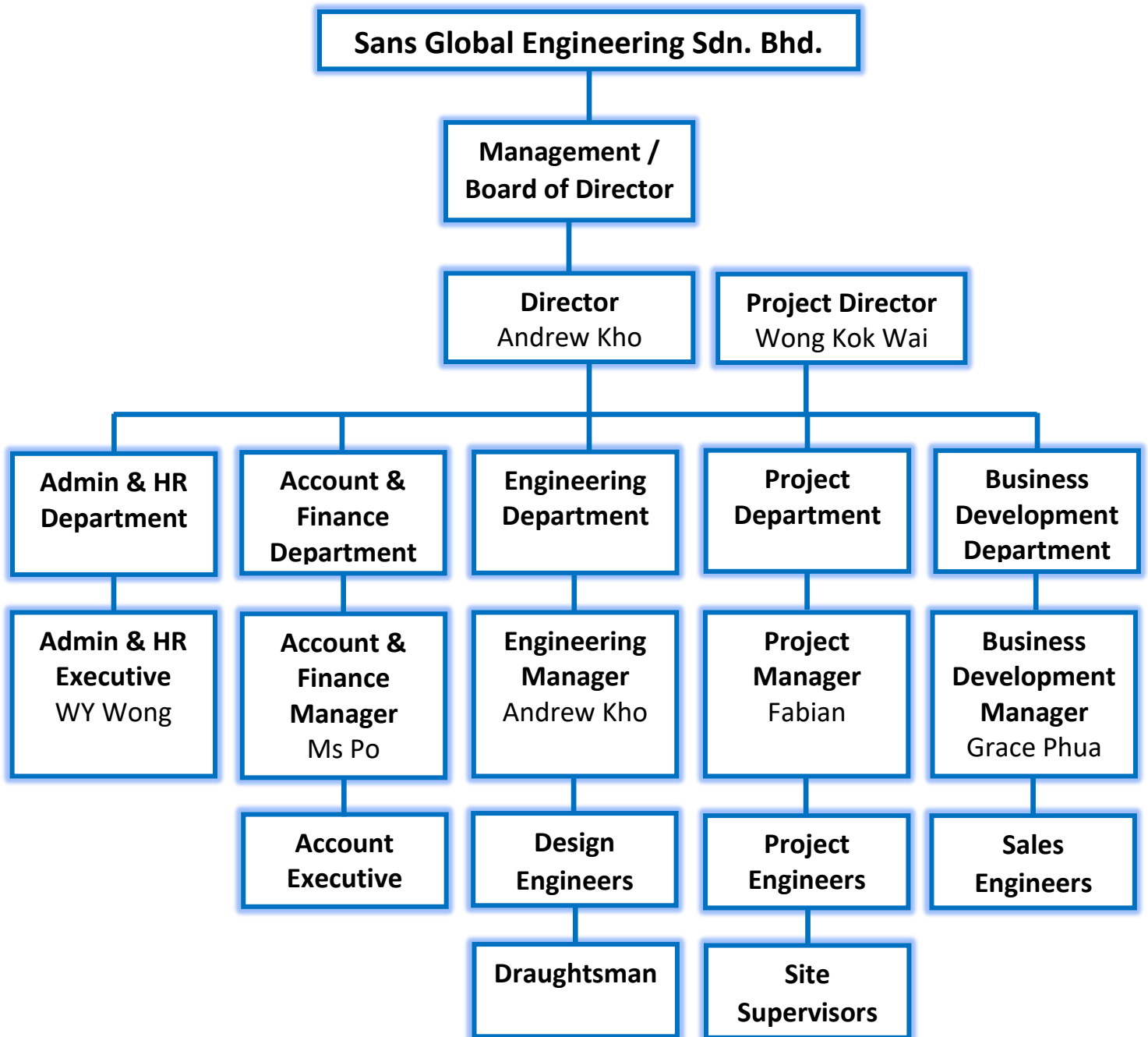
Company Name	Sans Global Engineering Sdn. Bhd.
Date of Establishment	12 th January 2016
Country of Incorporation	Malaysia
Director	Andrew Kho San Chung
Company Address	No.25-G & 25-1, Jalan Setia Utama AR U13/AR, Setia Alam, Seksyen U13, 40170 Shah Alam, Selangor, Malaysia.
Phone / Fax	+603 3359 1252 (Tel) +603 3359 1253 (Fax)
Email	enquiry@sansglobal.com.my
Paid Up Capital	MYR 300,000.00
Authorized Capital	MYR 400,000.00
Company Secretary	HMC Corporate Services Sdn. Bhd.
Company Auditor	Chee & Co



Organization Chart



Organization Chart





**Company
Registration
&
Certificate**



SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA



BORANG 9
AKTA SYARIKAT 1965

[Seksyen 16(4)]

No. Syarikat - MyCoID

1172072	H
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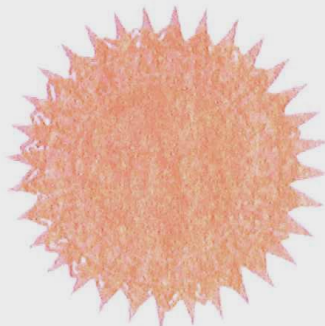
PERAKUAN PEMERBADANAN SYARIKAT SENDIRIAN

Dengan ini diperakui bahawa

SANS GLOBAL ENGINEERING SDN. BHD.

telah diperbadankan di bawah Akta Syarikat 1965, pada dan mulai dari 12 haribulan Januari 2016, dan bahawa syarikat ini adalah sebuah syarikat berhad menurut syer dan bahawa syarikat ini adalah sebuah syarikat sendirian.

Dibuat di bawah tandatangan dan meterai saya di Kuala Lumpur pada 12 haribulan Januari 2016.



[Signature]
DATO' ZAHRAH ABD WAHAB FENNER
PENDAFTAR SYARIKAT
MALAYSIA

User : rahmawati.yusof Date : 12/01/2016 8:50:25 AM



PERAKUAN PENDAFTARAN

Adalah dengan ini diperakui bahawa kontraktor yang dinyatakan di bawah ini telah berdaftar dengan Lembaga mengikut Bahagian VI Akta Lembaga Pembangunan Industri Pembinaan Malaysia 1994. Pendaftaran ini adalah tertakluk kepada syarat-syarat yang telah ditetapkan bersama perakuan ini.

No. Pendaftaran : 0120160727-SL177266
Nama Kontraktor : SANS GLOBAL ENGINEERING SDN. BHD.
Alamat Berdaftar : LEVEL 2, TOWER 1, AVENUE 5 BANGSAR SOUTH CITY
 59200 KLANG
 WILAYAH PERSEKUTUAN KUALA LUMPUR
Daerah : KUALA LUMPUR
Tarikh Mula Berdaftar : 27/07/2016

<u>GRED</u>	<u>KATEGORI</u>	<u>PENGKHUSUSAN</u>
G6	B	B04
G6	CE	CE21
G6	ME	M01 M02 M15

Tarikh Mula Berkuatkuasa : 18/08/2022
 Tarikh Habis Tempoh Perakuan : 24/07/2025

STATUS: AKTIF

Ketua Eksekutif
 Lembaga Pembangunan Industri Pembinaan Malaysia
 Tarikh: 18/08/2022



FOR REFERENCE ONLY



KEMENTERIAN KEWANGAN MALAYSIA
SIJIL AKUAN PENDAFTARAN SYARIKAT

NO. SIJIL : K10140426593221667
NO. RUJUKAN PENDAFTARAN : 357-0002306664
TEMPOH SAH LAKU : 19/05/2022 - 26/05/2025

Bahawa dengan ini diperakui syarikat :

SANS GLOBAL ENGINEERING SDN. BHD. (1172072-H)
NO.25-G & 25-1
JALAN SETIA UTAMA
AR U13/AR, SEKSYEN U13
PETALING
40170 SHAH ALAM
SELANGOR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

ENCIK KHO SAN CHUNG	860912437089	DIRECTOR
ENCIK WONG KOK WAI	881122566217	DIRECTOR

t.t

DATO' ZAMZURI BIN ABDUL AZIZ
Bahagian Perolehan Kerajaan
d.p. Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 19/05/2022

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

LAMPIRAN A

NO SIJIL : K10140426593221667
 NO RUJUKAN PENDAFTARAN : 357-0002306664
 TEMPOH SAH LAKU : 19/05/2022 - 26/05/2025

BIL	TARIKH DAFTAR BIDANG	KOD BIDANG	KETERANGAN	STATUS
1	18/05/2022	120601	PERTAHANAN DAN KESELAMATAN/ PERLINDUNGAN KEBAKARAN/ SISTEM PENCEGAHAN KEBAKARAN	Aktif
2	18/05/2022	120602	PERTAHANAN DAN KESELAMATAN/ PERLINDUNGAN KEBAKARAN/ PERALATAN KAWALAN API	Aktif
3	18/05/2022	220401	PERKHIDMATAN/ PENYELENGGARAAN/PEMELIKAN ALAT KESELAMATAN/ ALAT KEBOMBAAN/ALAT PENYELAMAT/PEMADAM API	Aktif

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 19/05/2022

FOR REFERENCE ONLY



TENAGA NASIONAL
(198644-W)

Dengan ini disahkan bahawa

SANS GLOBAL ENGINEERING SDN. BHD.

**LEVEL 2 TOWER 1
 AVENUE 5 BANGSAR SOUTH CITY
 59200, KUALA LUMPUR, WILAYAH PERSEKUTUAN**

Telah berdaftar dengan Tenaga Nasional Berhad sebagai

Kontraktor Kerja

di bawah kategori yang tercatat dalam sijil ini

GRED	KATEGORI	PENGKHUSUSAN
G5	B	B04****
	CE	CE21****
	ME	M01, M02, M15****

BUTIR-BUTIR PENDAFTARAN

NO PENDAFTARAN TNB : 3054655
 NO PENDAFTARAN SYARIKAT : 1172072H
 NO SIJIL PENDAFTARAN : 0120160727-SL177266
 TEMPOH SAHLAKU SEHINGGA : 24.07.2025
 TARAF BUMIPUTERA : BUKAN BUMIPUTERA
 LAIN-LAIN PENDAFTARAN : PPK0000/2022, KK0000/2022, KK0000/2019, KK0000/2022, KK0000/2019

Tarikh tempoh sahlaku pendaftaran ini adalah tertakluk kepada tempoh sahlaku Pendaftaran sijil-sijil Kementerian Kewangan(KK), Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) dan sijil-sijil professional yang berkaitan.

**Amir Mahmod bin Abdullah
 Ketua Pegawai Perolehan
 Bahagian Procurement & Supply Chain
 Tenaga Nasional Berhad**

Tarikh kelulusan : 24.05.2022

Ini adalah cetakan komputer dan tidak memerlukan tandatangan.



TENAGA NASIONAL
BERHAD

Dengan ini disahkan bahawa

SANS GLOBAL ENGINEERING SDN. BHD.
 NO 25-G & 25-1
 JALAN SETIA UTAMA
 AR U13/AR, SEKSYEN U13
 40170 , SHAH ALAM , SELANGOR

*Telah berdaftar dengan Tenaga Nasional Berhad sebagai
Pembekal & Kontraktor Perkhidmatan
 di bawah kategori yang tercatat dalam sijil ini*

 120601, 120602, 220401***

BUTIR-BUTIR PENDAFTARAN

NO PENDAFTARAN TNB	:	3054655
NO PENDAFTARAN SYARIKAT	:	1172072H
NO SIJIL KEMENTERIAN KEWANGAN	:	K10140426593221667
TEMPOH SAHLAKU SEHINGGA	:	26.05.2025
TARAF	:	BUKAN BUMIPUTERA
LAIN-LAIN PENDAFTARAN	:	PPK0000 /2022,PPK0000 /2019.

Tarikh tempoh sahlaku pendaftaran ini adalah tertakluk kepada tempoh sahlaku Pendaftaran sijil-sijil Kementerian Kewangan(KK), Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) dan sijil-sijil professional yang berkaitan.

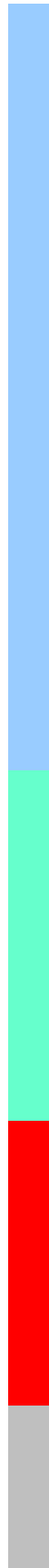
Amir Mahmod bin Abdullah
 Ketua Pegawai Perolehan
 Bahagian Procurement & Supply Chain
 Tenaga Nasional Berhad

Tarikh kelulusan : **24.05.2022**

Ini adalah cetakan komputer dan tidak memerlukan tandatangan.



Services



Services

Sans Global Engineering offers a complete and integrated engineering services tailored to meet our client's project goals and requirements.

Our core services include

- ❖ Fire protection system design drawings in accordance to NFPA, Malaysian Local Fire Authority (BOMBA) and FM / UL standard
- ❖ Fire protection system project technical specifications and write-up
- ❖ Hydraulic calculation for fire protection system, e.g., sprinkler system, outdoor hydrant system and etc.
- ❖ Fire Risk Assessment and Hazop study
- ❖ Environmental, Health and Safety report
- ❖ Value Engineering Analysis
- ❖ Submission of M&E drawings plan for authority approval
- ❖ Renewal of existing plants and building fire certificate
- ❖ Supply of fire protection system equipment (Local authority approved type and FM / UL approved type)
- ❖ Installation of fire protection system
- ❖ Testing and Commissioning of fire protection system
- ❖ Service and Maintenance of fire protection system
- ❖ Room Integrity Test for Clean Agent System

Our team of engineers are equipped with strong site experience, excellence technical engineering knowledge and resources to support our client's throughout the complete project's life cycle from preliminary design stage to final construction stage.

Room Integrity Test

Total Flooding Clean Agent Gas Suppression System performance is depending on the ability of the suppression gaseous agent to be retained in the protected room for an extended period of time complying to NFPA 2001 : Standard on Clean Agent Fire Extinguishing System requirement. Therefore, Room Integrity Test also known as Door Fan Test is required to be carry out on enclosure protected with total flooding clean agent gas suppression system to measure the leakage of the enclosure.

Basically, a fan is installed at the doorway of the enclosure to pressurize and depressurize the enclosure. The airflow and pressure readings obtained is then use to calculate the equivalent leakage area (ELA) of the room and determine the holding time of the gaseous agent in the enclosure.

Our Engineer are trained and certified by Retrotec as the qualified personnel to carry out the Room Integrity Test for enclosure protected by Total Flooding Clean Agent Fire Suppression System.



Retrotec Room Integrity Test Equipment

Retrotec Qualified Personnel Training Certificate



Enclosure Integrity Certification



Khobkhong

Has been certified by Retrotec as having completed the study course and exam for:

Level 3 - Advanced Enclosure Integrity Testing and Evaluation
on multiple Door Fan operation, procedures to measure leakage distribution, and advanced testing techniques - in accordance to NFPA 2001 Annex C, ISO 14520 & EN15004 Annex E

2021-06-04

Date presented:
Valid for 3 years

Ben Walker, CEO, Retrotec

4 NICET Continuing Professional Development Credits (CPD's)

Canute FHC Hydraulic Calculation Software

Sample Hydraulic Calculation Software Report

FHC - Hydraulic Calculation Report		
Submitted by FHC user number: 1854 Sans Global Engineering SDN BHD NO. 25-G & 25-1, JALAN SETIA UTAMA AR U13/AR SETIA ALAM, SEKSYEN U13, SHAH ALAM 40170 SELANGOR Tel: +60123996828 Fax:	Project: Project Ref: Area Ref: Inst. Number:	RUMAH SELANGORKU SUBANG BESTARI SGP18016 Most Unfavourable 1

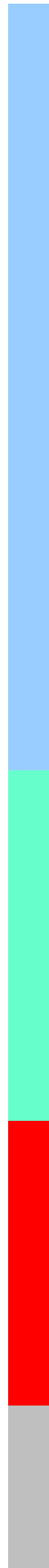
Project Data and Design Parameters

Project name : RUMAH SELANGORKU SUBANG BESTARI
 Area reference : Most Unfavourable
 Address / location : RSKU WET RISER
 Project number : SGP18016
 Installation number(s) : 1
 Drawing number(s) : ---
 Issue no / date : ---
 Designers reference : ---
 Project Data File : RSKU SUBANG WR_REV0.FHC
 Hazard classification : Domestic
 Design authority : MS
 Insurance company : ---
 Specified density of discharge : 0.00 mm/min (l/min/m²)
 Assumed maximum area of operation : 0.00 m²
 Number of operating sprinkler heads : 3
 Maximum area covered per head : 0.00 m²
 Highest head / nozzle above source : 0.00 m
 Number of pipes in system : 14 from 65 to 150 mm
 Pressure loss equation used : Hazen-Williams
 Fluid : Water
 Pipe Data Table : STD_PIPE.PDT
 Maximum fluid velocity : 2.41 m/s in pipe 190 200
 Volume of pipework and fittings : 2.33 m³
 Elbows are welded for : 0 mm and above
 Comment : ---
 Checked by & Date :

Source duty = 1551.2 l/min @ 9.459 bar at node no 100



Products



Products

Sans Global Engineering offers a wide range of fire protection system equipment from supply and installation up to testing and commissioning.

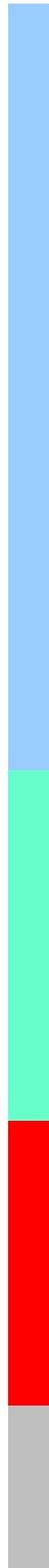
The key products we supply include

- ❖ Hydrant System
Pillar hydrant / hydrant hose / hydrant nozzle / hydrant key / hydrant cabinet
- ❖ Hose Reel System
Hose reel drum / hose reel hose / hose reel nozzle / nozzle box / hose reel cabinet
- ❖ Wet Riser and Dry Riser System
Landing valve / hose cradle / nozzle / wet & dry riser cabinet
- ❖ Automatic Wet Sprinkler System and Pre-Action Sprinkler System
Sprinkler head / sprinkler alarm check valve / flow switch
- ❖ Water and Foam Deluge System
Water and foam monitor / nozzle / deluge valve / foam tank / foam proportioner
- ❖ Fire Alarm and Detection System (Addressable & Conventional Type)
Fire alarm panel / smoke & heat detectors / alarm bell / horn / manual pull & breakglass / VESDA
- ❖ Gaseous Fire Suppression System
FM200 / Inert Gas / CO2
- ❖ Wet Chemical Kitchen Hood Suppression System
- ❖ Portable Fire Extinguisher
- ❖ Pumps, Valves and Accessories
- ❖ Gas Detection System

All fire protection system equipment we supply have Malaysian Local Fire Authority (BOMBA) approval or Factory Mutual (FM) approval and Underwriter Laboratory (UL) approval.



Our Team



Andrew Kho San Chung

Director / Engineering Manager

Aged 36 years, Malaysian

14 years of working experience

Introduction

Mr. Andrew Kho graduated with Bachelor of Mechanical Engineering (Honours) from Monash University in year 2009. During his educational years in Monash, he has obtained various awards such as Monash University Merit Scholarship, Monash University Best Graduate Award (Mechanical Engineering) and Monash University Best Final Year Project Award.

With his twelve (12) years of working experience in the field of Mechanical & Electrical (M&E) Engineering, he has acquired strong technical knowledge on engineering design specifically in the field of fire fighting services. Throughout his career, he has strong experience in working with reputable local and international clients for instant Alstom, Safran, Chiyoda, Sinohydro, Sato Kogyo, Mudajaya, and etc.

Mr. Andrew Kho has been involved in Project Management and Engineering Design on multiple mega project such as Data Centre, Power Plant and Manufacturing Plant. Besides, he is also very familiar with fire fighting system technical design requirement such as hydraulic calculation for both gaseous and water based fire protection system and programming of addressable fire alarm and detection system.

Career

Mr. Andrew Kho started his career as a Trainee Engineer in APM Shock Absorbers Sdn Bhd and was assigned to upgrade and improved the overall production operation of the factory.

In year 2009, he joined a M&E fire fighting contracting firm as a Design Engineer. His job responsibilities here include preparation of fire protection system design, handling of tender and quotation submission and supporting on-going projects. He has also undergone technical product trainings and been certified as the system designer on various products.

In year 2012, Mr. Andrew Kho was promoted to the post of Engineering Manager to handle the overall operation of Engineering Department and attending projects commercial and technical clarification meeting during tendering stages with clients and consultants. Besides, he also involved

in managing the sales and marketing department of the company which include carrying out products presentation and creating good rapport with owners, consultants and main contractor.

In year 2014, Mr. Andrew was promoted to the post of General Manager of the company to manage the operation of Engineering, Project and Business Development Department. His core responsibilities include developing, planning and implementing goals and objectives for each department in order to achieve the overall objectives of the entire organization.

In year 2016, Mr. Andrew Kho founded Sans Global Engineering and he is key person to manage the Company operation with the main objective to expand the Company operation locally and internationally and to achieve greater milestone for the Company.

Qualification

2004 : Sunway University – Monash University Foundation Year (MUFY)
 2005 – 2008 : Monash University – Bachelor of Engineering (Honours) Mechanical

Professional Membership / Training

- ❖ Registered member of Board of Engineer Malaysia (BEM)
- ❖ Registered member of The Institution of Engineers, Malaysia (IEM)
- ❖ Niosh TNB Safety Passport Certified
- ❖ CIDB Registered

List of Project Experience

- ❖ Digi Data Centre, Subang Hi-Tech, Selangor
- ❖ Bakun Hydroelectric Power Plant, Sarawak
- ❖ APMM Subang Hangar, Selangor
- ❖ Tokuyama Polycrystalline Plant, Bintulu, Sarawak
- ❖ Manjung 4 Coal Fired Power Plant Project, Perak
- ❖ Tanjung Bin Coal Fired Power Plant Project, Johor
- ❖ Connaught Bridge Power Station, Selangor
- ❖ Kapar Power Station, Selangor
- ❖ Mass Rapid Transit (MRT) Project, Klang Valley, Malaysia
- ❖ RAPID Pengerang Accommodation Camp and Temporary Construction Facility (TCF)

Wong Kok Wai

Project Director

Aged 34 years, Malaysian

11 years of working experience

Introduction

Mr. Wong graduated with the Bachelor of Engineering from University Putra Malaysia (UPM) in year 2012. He is a highly committed engineer with proven track records in successfully delivering mega power plant project with international company and have strong experience in mega project tendering, procurement, engineering and project management.

To date, he has nine (9) years of working experience in the field of fire fighting industry. Mr. Wong have excellent skills and knowledge specifically on Project Management and Technical Design of Fire Fighting System. He has good technical expertise in handling and solving project related issues at site and also providing trouble shooting solution specifically on Fire Alarm and Detection System and Gas Detection System.

Career

In year 2012, Mr. Wong starter his Engineering career as a Design Engineer in a Mechanical & Electrical (M&E) contracting firm in Malaysia. He has been involved in offering technical design and engineering solutions to Clients locally and internationally. Moreover, he is also responsible in preparing commercial and technical proposals to secure projects in the local Malaysian market.

In year 2015, Mr. Wong is promoted to become the Assistance Project Manager and is responsible to take care of the overall project site operation and monitoring the overall progress of the Project. He is the key person to coordinate with related local authority to obtain all necessary approval and also to coordinate with Client and Supplier to offer the most cost effective solutions that is in accordance to NFPA and BOMBA requirement. Mr. Wong have vast experience in handling international Client like China National Machinery Import and Export Corporation, Sinohydro, Alstom and etc.

In year 2016, Mr. Wong joined Sans Global Engineering as the Project Manager of the Company to take charge of the overall operation of Project Department and focus to bring the Company to greater height.

Qualification

2008 – 2012 : UPM – Bachelor of Engineering

Professional Membership / Training

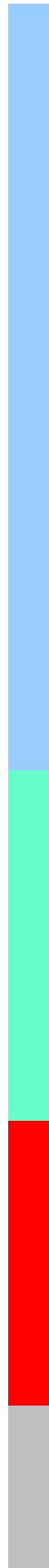
- ❖ Registered member of Board of Engineer Malaysia (BEM)
- ❖ Registered member of The Institution of Engineers, Malaysia (IEM)
- ❖ Niosh TNB Safety Passport Certified

List of Project Experience

- ❖ Manjung 4 Coal Fired Power Plant Project, Perak
- ❖ Connaught Bridge Power Station, Selangor
- ❖ Kapar Power Station, Selangor
- ❖ MRT Shah Alam Bus Depot, Selangor
- ❖ Hospital Kuala Lumpur
- ❖ Naza TTDI Condominium Shah Alam, Selangor
- ❖ Putrajaya Parcel F
- ❖ Mass Rapid Transit (MRT) Project, Klang Valley, Malaysia
- ❖ Kong Long Huat Chemical Plant, Westport, Malaysia












Project Reference






Project Reference



Item	Description	Owners / Clients	Project Status / Completion
1.0	Supply and Installation of Fire Fighting RC Water Tank and accessories for Eastern Corridor Apartment in Cyberjaya	M&C Engineering and Trading Sdn Bhd 	Completed February 2016
2.0	Cadangan Membina Sebuah Depoh Bas Dan Kemudahan Sokongan Berkaitan bagi Projek Mass Rapid Transit Lembah Klang, Jajaran Sungai Buloh – Kajang di atas sebahagian Lot 488, Seksyen U4, 40150 Shah Alam, Selangor	Perkasa Jauhari Sdn Bhd 	Completed January 2018
3.0	Supply, Installation and Testing & Commissioning of Kapar Power Station Fire Alarm and Detection System at GF2	Kapar Energy Ventures (KEV) Sdn Bhd 	Completed July 2016
4.0	Supply, Installation and Testing & Commissioning of Fire Protection System for Petronas RAPID Project, Pengerang (Package 2, CDU, ARDS & HCDU Units) CAMP & TCF	Solid Horizon Sdn Bhd 	Completed August 2016



Item	Description	Owners / Clients	Project Status / Completion
5.0	Supply, Installation and Testing & Commissioning of Kapar Power Station Sprinkler System at Conveyor (C16A/C16B, C17, 3C4A/3C4B) and Junction Tower (JT16) and Transfer Tower (TT3)	Kapar Energy Ventures (KEV) Sdn Bhd 	Completed November 2016
6.0	Supply, Installation and Testing & Commissioning of Kapar Power Station Sprinkler System at Conveyor (C16A/C16B, C17, 3C4A/3C4B) and Junction Tower (JT16) and Transfer Tower (TT3)	Kapar Energy Ventures (KEV) Sdn Bhd 	Completed November 2016
7.0	Re-Design, Upgrading, Supply, Installation and Testing & Commissioning of Kapar Power Station Electrical Rooms Carbon Dioxide (CO2) fire suppression system	Kapar Energy Ventures (KEV) Sdn Bhd 	Completed November 2016
8.0	Supply, Installation, Testing and Commissioning of Temporary Site Office Facilities for RAPID Project, Pengerang, Johor – Steam Cracker Complex (SCC) Toyo Warehouse	Solid Horizon Sdn Bhd 	Completed September 2016



Item	Description	Owners / Clients	Project Status / Completion
9.0	Supply, Installation and Testing & Commissioning of Kapar Power Station Battery Rooms Hydrogen (H2) Gas Detection System	Kapar Energy Ventures (KEV) Sdn Bhd 	Completed September 2016
10.0	Fire Fighting upgrading works for Coveright Surfaces Malaysia Factory	Coveright Surfaces Malaysia Sdn Bhd 	Completed November 2016
11.0	Supply and Installation of Magnetic Door for Gas Turbine Area at Kapar Power Station	KEV Energy Ventures (KEV) Sdn Bhd 	Completed November 2016
12.0	Supply and Installation of Fire Fighting Works for MRT Taman Kooperasi station and MRT Balakong station (Package V7)	Mecomb Malaysia Sdn Bhd 	Completed February 2017
13.0	Refurbishment and Maintenance of CO2 Cylinders (Hanging Type) at Kapar Power Station	KEV Energy Ventures (KEV) Sdn Bhd 	Completed February 2017






Item	Description	Owners / Clients	Project Status / Completion
14.0	Supply and Installation of Fire Protection Services for PMU 132/33kV Bahau 34xtension (2x45mva), Bahau, Negeri Sembilan Darul Khusus	Intelligent M&E Sdn Bhd	Completed April 2017
15.0	Supply and Installation of Fire Protection Services for PMU Bukit Rambai 132/33kV, Melaka untuk Tetuan Tenaga Nasional Berhad	Intelligent M&E Sdn Bhd	Completed April 2017
16.0	The Construction and Completion of Site Office at Bandar Malaysia North Station Electrical Services & Fire Protection Services	Solid Horizon Sdn Bhd 	Completed September 2017
17.0	Supply and Installation of Hydrant System (Line 1) for Negeri Sembilan Cement Industries Sdn Bhd (CIMA) Bahau Cement Plant	MyGemilang Sdn Bhd 	Completed October 2017
18.0	Straits International School Rawang Cadangan Membina Satu Blok Bangunan Sekolah Antarabangsa 3 Tingkat, Sebuah Pondok Pengawal dan Sebuah Perhentian Bas Di Atas Sebahagian Lot PT 43364 (FASA 1F) Taman Sari, Mukim Rawang, Daerah Gombak, Selangor Untuk Tetuan Pinggir Mentari Sdn Bhd	CB Construction Sdn Bhd 	Completed July 2018

Item	Description	Owners / Clients	Project Status / Completion
19.0	Relocation and upgrading works of FM-200 System in Server Room and Sprinkler Header at Safran Landing Systems Malaysia Factory, Sendayan, Negeri Sembilan.	Safran Landing Systems Malaysia Sdn Bhd 	Completed September 2017
20.0	Room Integrity Testing of FM-200 protected rooms for Safran Landing Systems Malaysia Factory, Sendayan, Negeri Sembilan	Safran Landing Systems Malaysia Sdn Bhd 	Completed September 2017
21.0	The Proposed Setia City Mall Phase 2 Retail Development At No. 7, Persiaran Setia Dagang, Bandar Setia Alam, Seksyen U13, 40170 Shah Alam, Selangor Darul Ehsan – Trade Package : PR01 – Site Enabling Works Internal Electrical Services	Solid Horizon Sdn Bhd 	Completed March 2018
22.0	Supply and Install Wet Chemical System for CCCC Publika, Mont Kiara	Globaltech Hygiene Sdn Bhd	Completed July 2017
23.0	FM-200 Clean Agent System Works at Putrajaya Parcel F, Package 2 (Block F1 & F2) and Package 4 (Block F8, F9 & F10)	M&C Engineering and Trading Sdn Bhd 	Completed June 2019

Item	Description	Owners / Clients	Project Status / Completion
24.0	Supply and Install Wet Chemical System for Speak Easy Bar, 8 th Floor, Pavilion Kuala Lumpur	Globaltech Hygiene Sdn Bhd	Completed December 2017
25.0	Kong Long Huat Chemicals Plant West Port Cadangan Membina Sebuah Terminal Penyimpanan Pukal Yang Mengandungi sebuah Bangunan Utama 2 Tingkat, 4 Buah Tangki Kimia, Sebuah Rumah N2, Rumah Pam, Pondok Pengawal, Kebuk Sampah, Tangki Air, Bilik MCC dan Loading Bay & Pump Pad di atas Lot 102739 (PN 96003), Jalan Perigi Nenas 6/1, KS 11, Taman Perindustrian Pulau Indah, 42920 Pulau Indah Mukim Klang, Daerah Klang, Selangor untuk Tetuan Kong Long Huat Chemicals Sdn Bhd	Desa Nikmat Sdn Bhd	Completed June 2019
26.0	Upgrading works on Main Fire Alarm Panel Mimic Diagram for Safran Landing Systems Malaysia Factory, Sendayan, Negeri Sembilan	Safran Landing Systems Malaysia Sdn Bhd 	Completed March 2018
27.0	Design, Supply, Install and Commissioning of Junction Tower (JT) and Transfer Tower (TT) Sprinkler System at Kapar Power Station	KEV Energy Ventures (KEV) Sdn Bhd 	Completed January 2019



Item	Description	Owners / Clients	Project Status / Completion
28.0	Cadangan Membina Bilik Pameran dan Gudang 3 Tingkat untuk Tetuan Optimum Global Resources Sdn Bhd	Optimum Global Resources Sdn Bhd	Completed May 2018
29.0	Projek Mass Rapid Transit Laluan 2 : Sungai Buloh – Serdang – Putrajaya (SSP) Package V207 : Construction and Completion of Viaduct Guideway and Others Associated – Fire Fighting Services	Solid Horizon Sdn Bhd 	Completed December 2018
30.0	Projek Mass Rapid Transit Laluan 2 : Sungai Buloh – Serdang – Putrajaya (SSP) Package V209 : Construction and Completion of Viaduct Guideway and Others Associated – Fire Fighting Services	Solid Horizon Sdn Bhd 	Completed December 2018
31.0	Supply of Automated Fire Extinguisher for KL118 Site	Samsung C&T Corporation UEM Construction JV Sdn Bhd	Completed September 2018
32.0	Supply of Wireless Fire Alarm Detection System for KL118 Site	Samsung C&T Corporation UEM Construction JV Sdn Bhd	Completed May 2018





Item	Description	Owners / Clients	Project Status / Completion
33.0	Supply and installation of sprinkler system for A360 Painting Booth for Safran Landing Systems Malaysia Factory, Sendayan, Negeri Sembilan	Safran Landing Systems Malaysia Sdn Bhd 	Completed October 2018
34.0	Fire Fighting pump system and fire header modifications works for Safran Landing Systems Malaysia Factory, Sendayan, Negeri Sembilan	Safran Landing Systems Malaysia Sdn Bhd 	Completed December 2018
35.0	Cadangan Pembangunan Pangsapuri Rumah Selangorku 17 Tingkat Di No.1 (Lot 39829) Jalan Nova U5/86A, Subang Bestari, 40150 Shah Alam, Selangor untuk tetuan Kumpulan Perangsang Selangor Berhad dan Worldwide Holding Berhad	CBTech (M) Sdn Bhd 	Completed March 2021
36.0	Stolthaven (Westport) Sdn Bhd Phase 10 Project – Fire Fighting Services	Kelington Technologies Sdn Bhd 	Completed March 2020
37.0	Ace Gases Sdn Bhd CO2 Plant Kerteh, Terengganu – Fire Fighting Services	Kelington Technologies Sdn Bhd 	Completed August 2020



Item	Description	Owners / Clients	Project Status / Completion
38.0	Supply and Installation of Fire Protection System for ATB Tanjung Bin HQC Facilities	Solid Horizon Sdn Bhd 	Completed June 2018
39.0	Supply and Installation of KEV New Lab Building Fire Fighting System	KEV Energy Ventures (KEV) Sdn Bhd 	Completed June 2019
40.0	Supply and installation of In-Rack Sprinkler System for Safran Landing Systems Malaysia Factory, Sendayan, Negeri Sembilan	Safran Landing Systems Malaysia Sdn Bhd 	Completed July 2019
41.0	Supply and Installation of Fire Fighting System for Shu Xiang Lou Restaurant at The Linc, Kuala Lumpur	Shuhui Cuisine Sdn Bhd  Shu Xiang Lou Hotpot and Sichuan Cuisine	Completed June 2019
42.0	Renaissance Hotel Kuala Lumpur, West Wing Lobby Addition and Alternation works for Renaissance KL Hotel Phase 1, Public Area, Reception Lobby, Evolution (ADD), R-Bar & Private Lounge (Fire Protection Services)	Malaya MNE Engineering Sdn Bhd 	Completed September 2019





Item	Description	Owners / Clients	Project Status / Completion
43.0	Supply and Installation of Fire Alarm System at KL118 Safety Site Office and Sub-Contractor Office Area	Samsung C&T Corporation UEM Construction JV Sdn Bhd	Completed November 2019
44.0	Upgrading Fire Alarm System and Replacement of Main Fire Alarm Panel (MFAP) at Kuala Langat Power Plant	Kuala Langat Power Plant Sdn. Bhd.	Completed August 2019
45.0	Supply and Installation of FM200 Clean Agent Fire Suppression System at LMG Rail Car Plant, Rasa, Selangor.	LMG Rail Car Sdn Bhd 	Completed August 2019
46.0	Refurbishment and Upgrading of Fire Fighting System at Twins @ Damansara Height, Kuala Lumpur	Management Twins @ Damansara Heights 	Completed January 2020
47.0	Hydrant upgrading works for Kapar Power Station	KEV Energy Ventures (KEV) Sdn Bhd 	Completed August 2020



Item	Description	Owners / Clients	Project Status / Completion
48.0	Supply and Installation of M&E works for SUJV New Site Office Facilities at KL118 Tower	Samsung C&T Corporation UEM Construction JV Sdn Bhd	Completed July 2020
49.0	Service & Maintenance of Fire Fighting System for Safran Landing Systems Malaysia Factor, Sendayan, Negeri Sembilan	Safran Landing Systems Malaysia Sdn Bhd 	On-Going
50.0	Supply and installation Fire Fighting Pump House Sprinkler System for Safran Landing Systems Malaysia Factory, Sendayan, Negeri Sembilan	Safran Landing Systems Malaysia Sdn Bhd 	Completed July 2020
51.0	Supply and Installation of Server Room FM200 Clean Agent System for Stolthaven (Westport) Sdn Bhd	Stolthaven (Westport) Sdn Bhd	Completed July 2020
52.0	Fire Alarm System Upgrading at Junction Tower (JT) and Transfer Tower (TT) at Coal Stockyard for Kapar Power Station	KEV Energy Ventures (KEV) Sdn Bhd 	Completed March 2021

Item	Description	Owners / Clients	Project Status / Completion
53.0	Supply and Installation of M&E works for PNB New Site Office Facilities at KL118 Tower	Samsung C&T Corporation UEM Construction JV Sdn Bhd	Completed October 2020
54.0	Proposed Refurbishment & Interior Renovation Works of Existing Renaissance Kuala Lumpur Hotel For Conversion to Four Points Sheraton on Lot 91, 134 & Part of Lot 123, Jalan Sultan Ismail / Jalan Ampang Kuala Lumpur – Supply, Delivery, Installation, Testing and Commissioning of Fire Protection Services	Ventura International Sdn Bhd	On-Going
55.0	Kellogg JUMP Warehouse Bandar Enstek, Fire Fighting Services	Kelington Technologies Sdn Bhd 	Completed May 2021
56.0	ON Semicon Senawang Car Park Project	Kelington Technologies Sdn Bhd 	Completed February 2021
57.0	Global Product Solutions (Mothercare) Warehouse, Balakong – Fire Fighting Upgrading Works	Global Product Solutions Sdn Bhd	Completed January 2021

Item	Description	Owners / Clients	Project Status / Completion
58.0	Supply and Installation of Fire Fighting Works for Gamuda Cove Centralised Labour Quarters (CLQ)	Solid Horizon Sdn Bhd 	On-Going
59.0	Fire Fighting upgrading works on Processing Plant Clean Room for Sunpower Malaysia Manufacturing, Melaka	Kelington Technologies Sdn Bhd 	Completed December 2021
60.0	Cadangan Pembangunan Industri sesebuah yang mengandungi Gudang dan Pejabat 1 Tingkat, Kilang 2 Tingkat, Pencawang Elektrik, Pondok Pengawal, Kebuk Sampah di atas Lot 126/PT 129414, Jalan Sungai Pinang 4/22KS11, Fasa 2C, Seksyen 4, Taman Perindustrian Pulau Indah, Mukim Klang, Daerah Klang, Selangor Darul Ehsan untuk tetuan CPL Aromas (Malaysia) Sdn Bhd	CPL Aromas (Malaysia) Sdn Bhd 	On-Going
61.0	The Proposed Construction and Completion of Endau – Mersing Fish Processing Park (EMFPP) – Endau, Johor Darul Takzim, For The East Coast Economic Region Development Council (ECERDC)	Tanjung Offshore Services Sdn Bhd 	On-Going
Item	Description	Owners / Clients	Project Status / Completion

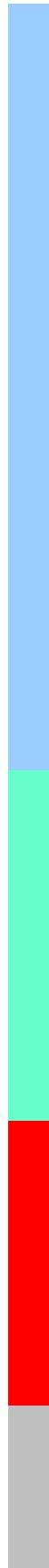
62.0	Proposed Construction and Completion of Raw Water Treatment Plant (RWTP) on Lot 6592, Lot 6594, Lot 5878, Lot 77214, Lot 77215 and Lot 7090, Mukim Tanjung 12, Daerah Kuala Langat, 42700 Banting, Selangor for GS Worldwide Utilities Sdn Bhd	Worldwide Holdings Berhad 	Completed February 2022
63.0	Proposed Lift Upgrading Works for G Tower at Lot 162, Seksyen 63, Jalan Tun Razak, Wilayah Persekutuan Kuala Lumpur, Malaysia for G Tower Sdn Bhd	G Tower Sdn Bhd 	On-Going
64.0	Service & Maintenance of Fire Fighting System for De-Luxe Food Factory, Westport, Malaysia.	De-Luxe Food Services Sdn Bhd 	On-Going
65.0	Upgrading works on automatic sprinkler and fire alarm system for FMM Food Factory, Sungai Buloh, Malaysia.	FMM Berhad 	Completed November 2021
66.0	Kellogg Canister Warehouse Bandar Enstek, Fire Fighting Services	Kelington Technologies Sdn Bhd 	Completed June 2022

Item	Description	Owners / Clients	Project Status / Completion
67.0	Stolthaven (Westport) Sdn Bhd Phase 11A Expansion of Tank Pit 8 – Fire Fighting Services	Kelington Technologies Sdn Bhd 	On-Going
68.0	Design, Construction and Completion of a proposed single storey warehouse with 3 storey office & hostel at Lot 61323 & 61325 at Mukim Labu, Bandar Baru Enstek, Daerah Seremban, Negeri Sembilan for Ace Logistic Sdn Bhd	Kayangan Kemas Sdn Bhd 	On-Going
69.0	Packaging Centre Services Sdn Bhd Factory & Warehouse, Jalan Meru, Klang, Selangor.	Packaging Centre Services Sdn Bhd 	On-Going
70.0	Cadangan pembangunan perindustrian sesebuah yang mengandungi 1 unit Gudang 2 tingkat dengan ruang pejabat di tingkat mezzanin di atas Lot 108980 dan Lot 108981, Jalan Astana 5/KU2, Bandar Bukit Raja, Klang, Selangor untuk tetuan SDM Assets I Sdn Bhd	Siab Holdings Berhad 	On-Going

Item	Description	Owners / Clients	Project Status / Completion
71.0	Stolthaven (Westport) Sdn Bhd Terminal 2 Tank Pit 9 Expansion – Fire Fighting Services	Kelington Technologies Sdn Bhd 	On-Going
72.0	Melexis Semiconductor Industrial Building Kuching Sarawak	Kelington Technologies Sdn Bhd 	On-Going



Project Photos





Petronas RAPID Project, Pengerang – Sinopec Camp & TCF



CIMA Bahau Cement Plant, Negeri Sembilan



MRT Shah Alam Bus Depot



Kapar Power Station



Safran Landing Systems Malaysia Plant, Sendayan, Negeri Sembilan



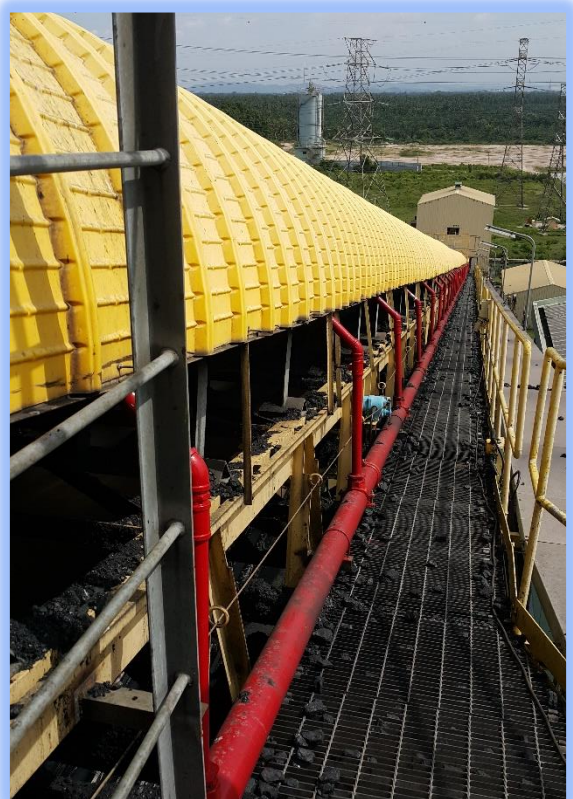
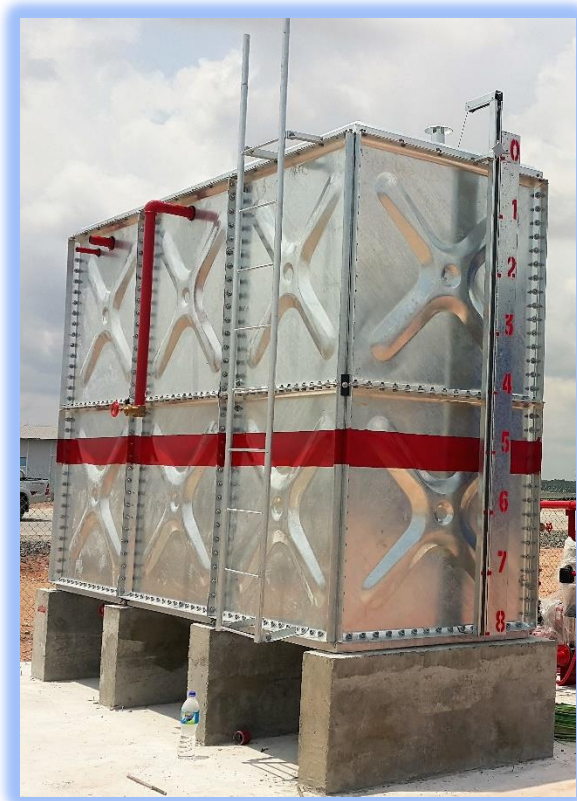
Putrajaya Parcel F



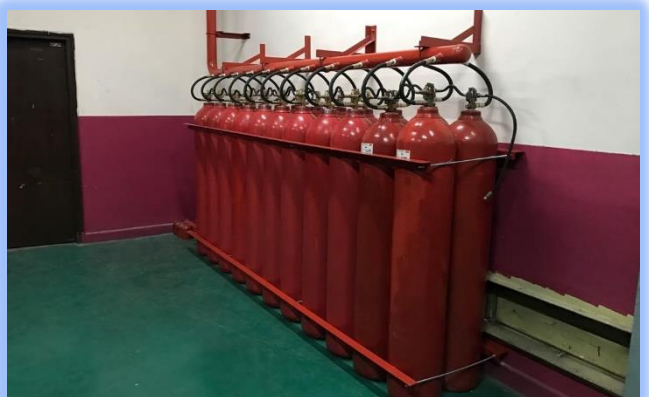
Straits International School Rawang, Selangor



Kong Long Huat (KLH) Chemical Plant, Westport, Selangor

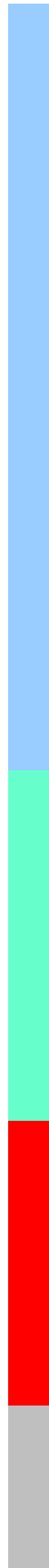








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