

FONG LEONG ENGINEERING PTE LTD



10 BUROH STREET #04-07 WEST CONNECT BUILDING SINGAPORE 627564

Tel : 6268 5885 FAX : 6262 6656

E-mail : fongleong@fongleong.com.sg

Website : www.fongleong.com.sg

Co. Reg. No. : 201822193D GST Reg. No. : 201822193D



List of Content

1	• Introduction	7	• Annual Average Manpower
2	• Our Vision, Mission and Core Values	8	• Annual Turnover
3	• Company Organization	9	• Current Projects
4	• Our Core Business	10	• Completed Projects
5	• Our Quality, Environmental, Health & Safety Policy	11	• Awards
6	• Safety Statistics Record	12	• Certificate of Registration
		13	• Subsidiary Company in Malaysia

The company was first established in 1999. It was registered as Fong Leong Engineering Works and provided services covering piping fabrication and welding works. This was the core business in the early years and the majority of work was in power plants and pharmaceutical industry as well as maintenance works and plant shut-downs. For the past 10 years, we have mainly focused and has been active in the Oil & Gas sector.

Fong Leong Engineering Works (FLE) started off by concentrating on small projects and worked with a few main contractors. Our unwavering commitment to tight work schedules, good quality, competency and reliability were the major factors that helped FLE to convince Clients to engage us as their core contractor. This has been vital in building the strong foundation that we have today.

Good quality, productivity, reliability and safe work practices were the fundamentals of FLE. With these values and the trust from Clients, we were able to expand into other scopes namely erection of steel structure, heavy equipment installation and alignment work, commissioning assistance, turnaround and major maintenance work.

We were involved in most of the major construction projects in Singapore such as ExxonMobil, Shell Eastern Petroleum Ltd., Evonik, Afton, Lucite and Lanxess in the Oil & Gas, Petrochemicals and Pharmaceutical Industry.

We started with just 20 employees and as the company grew amid the booming market, the workforce progressively rose to a peak of 650 men in 2007 to 2009. We continued to maintain around 200 to 400 men after that for our local operations.

In 2016, we ventured into Malaysia and were awarded the Petronas owned Refinery and Petrochemical Integrated Development (RAPID) Project. We successfully completed the project in 2018 and during peak time we employed up to 850 men from various nationalities.

The downturn in the Oil and Gas industry in the past few years mandated a change in our operations strategy. We believe our experienced and skilled workforce combined with our prudent management will keep us in good stead in facing the challenges ahead.

On 1 July 2018, **FONG LEONG ENGINEERING PTE LTD** was incorporated as a Exempt Private Company Limited.

In July 2019, Fong Leong Engineering Pte. Ltd. attained the ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 certification.



Our Vision, Mission and Core Values

Vision

To be the most admired construction company and trusted business partner in our industry.

Mission

To deliver high value returns to our customers in a responsible and sustainable manner through good corporate governance, technological advancement and developing the full potential of our employees and associates.



Our Vision, Mission and Core Values

Core Values

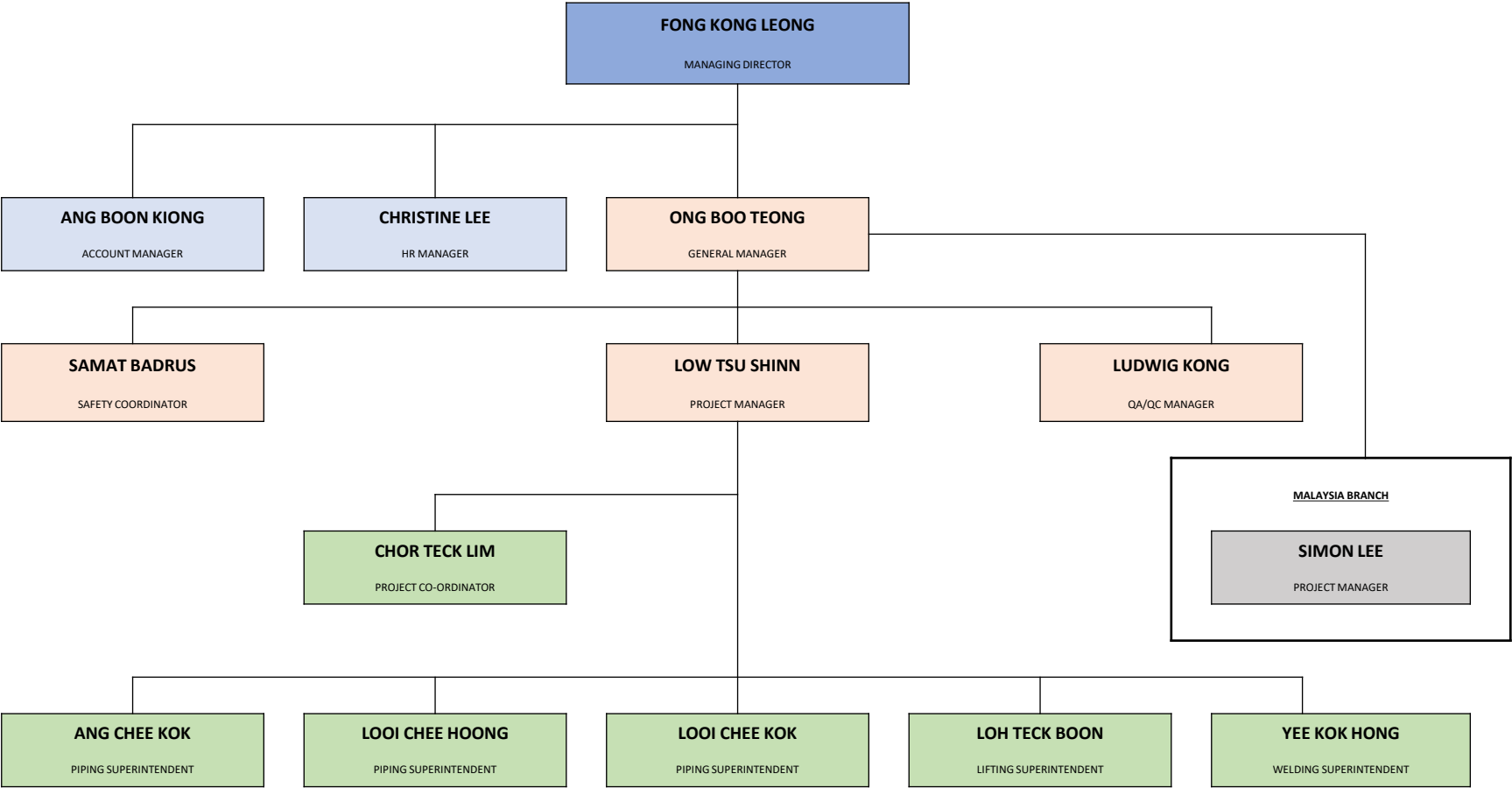
Operational Excellence : We strive to be the center of excellence for the services we provide.

Integrity : We hold ourselves up to the highest ethical standards and code of business conduct.

Partnership and People focus : We aspire to be the partner and employer of choice in our industry.

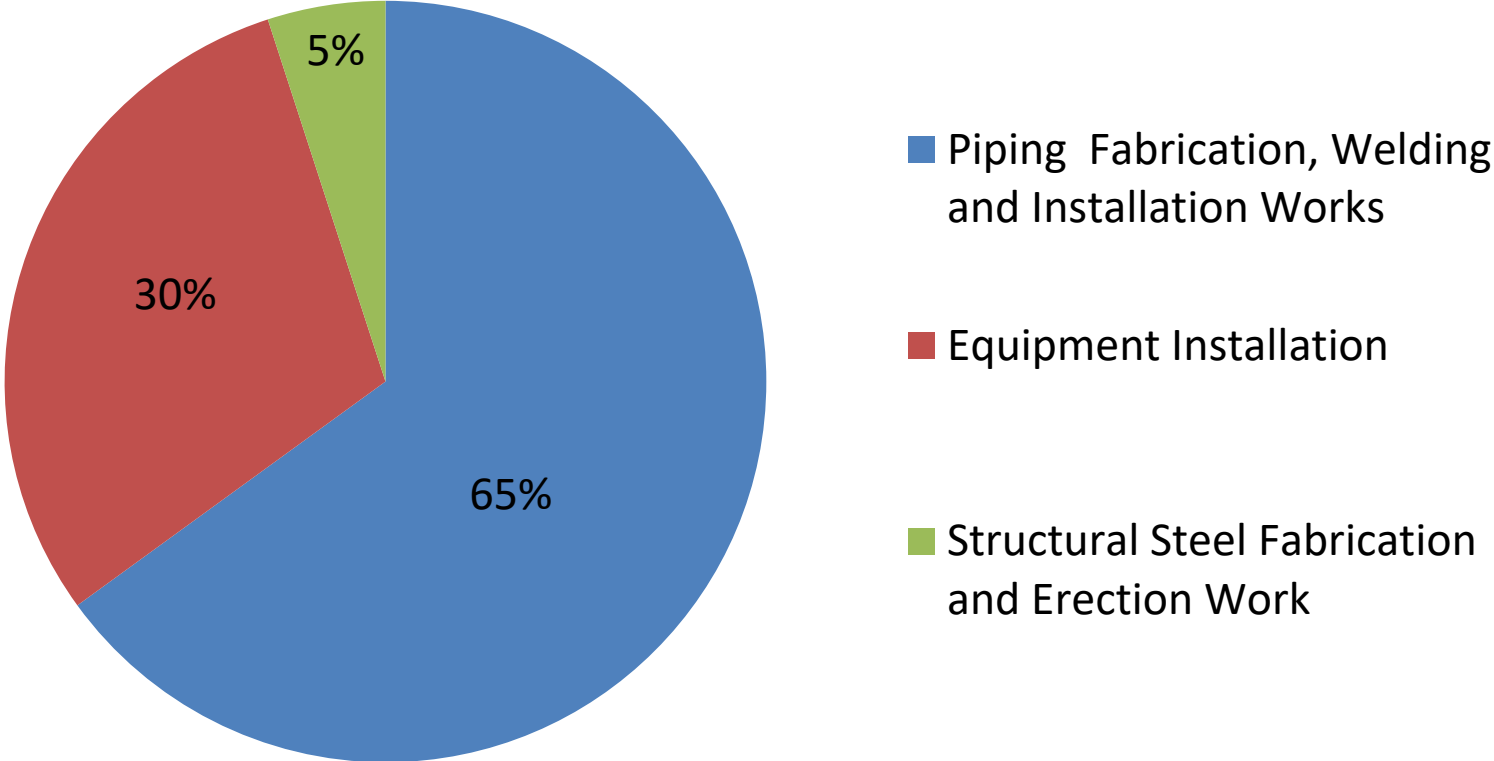
Responsibility : We are fully accountable for delivering our obligations to safeguard the property and personnel under our care.

Sustainability : We exemplify sustainability in our services and are determine to optimize resource efficiency across all our operations to preserve our environment.





Our Core Business





Our Core Business

PIPING FABRICATION, WELDING AND INSTALLATION WORK



- We have a team of experienced and skilled workforce for massive scale fabrication and installation of various types of piping such as stainless steel, carbon steel, chrome molybdenum steel (alloy), aluminum and Teflon-lined.
- Our qualified welders and welding operators are able to perform various forms of welding processes such as shield metal arc welding (SMAW), gas metal arc welding (GMAW), gas tungsten arc welding (GTAW), flux core arc welding (FCAW), mechanized welding and GTAW Tig speed welding.
- With our experience and skilled workforce, we have the confidence to undertake piping projects up to 150,000 diameter inches in bills-of-quantity.





Our Core Business

PIPING FABRICATION, WELDING AND INSTALLATION WORK



- Since 2016, we implemented TIG speed for high speed welding and have achieved tremendous improvement in productivity by up to 30% compared to TIG manual process. This is proven in ExxonMobil Aurora EOS Project, Evonik Me5 and Me6 Projects that we completed. Good quality is achieved with improved TIG arc stability and minimal material distortion. These improvements has helped to cement us as one of the strong contender in the industry.



Our Core Business

PIPING FABRICATION, WELDING AND INSTALLATION WORK



- We are always looking to up-to-date technologies that would help in increasing productivity such as automated welding and mechanized capabilities.
- We invest in and train our workforce to achieve and maintain high quality standard.





Our Core Business

PIPING FABRICATION, WELDING AND INSTALLATION WORK



- Workshop facilities of 2,800 square meters (30,000 square feet) – capable to produce up 1,200 Dia-inch per day.





Our Core Business

STRUCTURAL STEEL FABRICATION & ERECTION WORK



Steel Structure Work

EQUIPMENT INSTALLATION



Installation of Heavy Equipment Work

We have teams of experienced and qualified Lifting Supervisors, Riggers, Millwright and Mechanical Fitters to carry out the works. Our staff are well trained and have over 15 years of experience in heavy lifting work.



Our Quality, Environmental, Health and Safety Policy

The Company is committed to:

- Providing safe, health and secure working environment for all employees, including contractors and suppliers and by embracing the SGSecure movement.
- Ensure that each employee is adequately trained and familiarise with the relevant statutory requirements, codes of practices and the company's Quality; Safety; Security and Green Practices procedures in order to carry out his work safely and environmentally friendly.
- Each Employee is expected to comply with the applicable quality, safety, health & environment standards or applicable compliance obligations.
- Ensuring that any unsafe practice is eliminated and ensuring protection of employees against terror attacks are our Top Priority.
- Environmental protection, by reducing our energy, water and natural resources consumption and waste generation.
- Promoting safety, security and Green consciousness in every worker in the company.
- Taking steps to ensure that safety and Green Practices messages are disseminated to all employees, subcontractors as well as all visitors, vendors who are at the workplace.
- Taking reasonable care that their acts do not adversely affect the health and safety of themselves, others or the environment in which we operate and security of all staff;
- Every employee should take ownership of all quality, safety and environment outcomes.

The Management is committed towards:

- ❖ Consultation and Participation of workers in the implementation of Health & Safety Management System and uphold a safe & secure workplace.
- ❖ Continual improvement of our QEHS System and Processes.

It is the responsibilities of all managers and employees to carry out this policy effectively and comply with relevant local EHS legislations and security requirements related to terror threats.

Loss injury prevention and environmental impact is the direct responsibility of all employees. All management and supervisory level personnel shall take every precaution reasonable in all construction activities for the protection of persons, property and our environment.



SAFETY STATISTICS RECORD											
Details	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
No. of Minor Injuries / First Aid Cases	0	0	0	1	0	0	0	2	1	0	0
No. of Near Misses	8	4	0	3	4	2	4	0	0	0	0
No. of Loss Time Injury (Reportable Incident)	0	0	0	0	0	0	2	0	0	0	1
No. of HSE Incident (Medical Treatment)	2	1	4	1	1	3	2	0	0	1	2
No. of Fatalities	0	0	0	0	0	0	0	0	0	0	0
Total Manhours Worked	1,846,992.00	1,071,975.00	1,964,093.00	710,121.00	1,137,618.00	581,036.00	555,335.00	407,956.00	248,274.10	319,005.80	380,291.80
Total Manhours Lost	0	0	0	0	0	0	0	0	0	0	0
*OSH Accident Frequency Rate	0	0	0	0	0	0	0	0	0	0	0
*OSH Accident Severity Rate	0	0	0	0	0	0	0	0	0	0	0
*MOM Accident Frequency Rate	0	0	0	0	0	0	0	0	0	0	0
*MOM Accident Severity Rate	0	0	0	0	0	0	0	0	0	0	0
Total Recordable Incident Rate (TRIR)	0.22	0.19	0.41	0.56	0.18	1.03	1.44	0.98	0.81	0.63	1.58

NOTE:

OSH Accident Frequency Rate = (Number of industrial accidents reported/Number of manhour worked) x 200,000

OSH Accident Severity Rate = (Number of reported mandays lost/Number of manhour worked) x 200,000

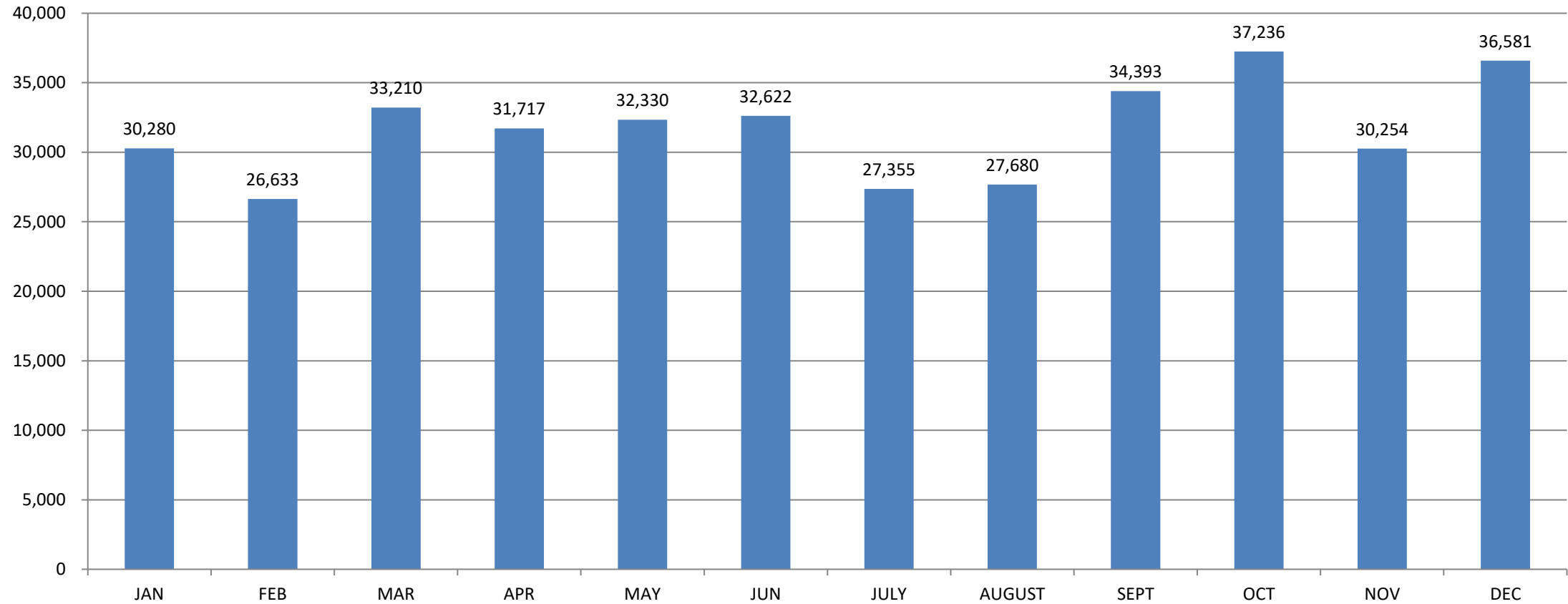
MOM Accident Frequency Rate = (Number of industrial accidents reported/Number of manhour worked) x 1,000,000

MOM Accident Severity Rate = (Number of reported mandays lost/Number of manhour worked) x 1,000,000

TRIR = (Number of incidents reported/Number of manhour worked) x 200,000

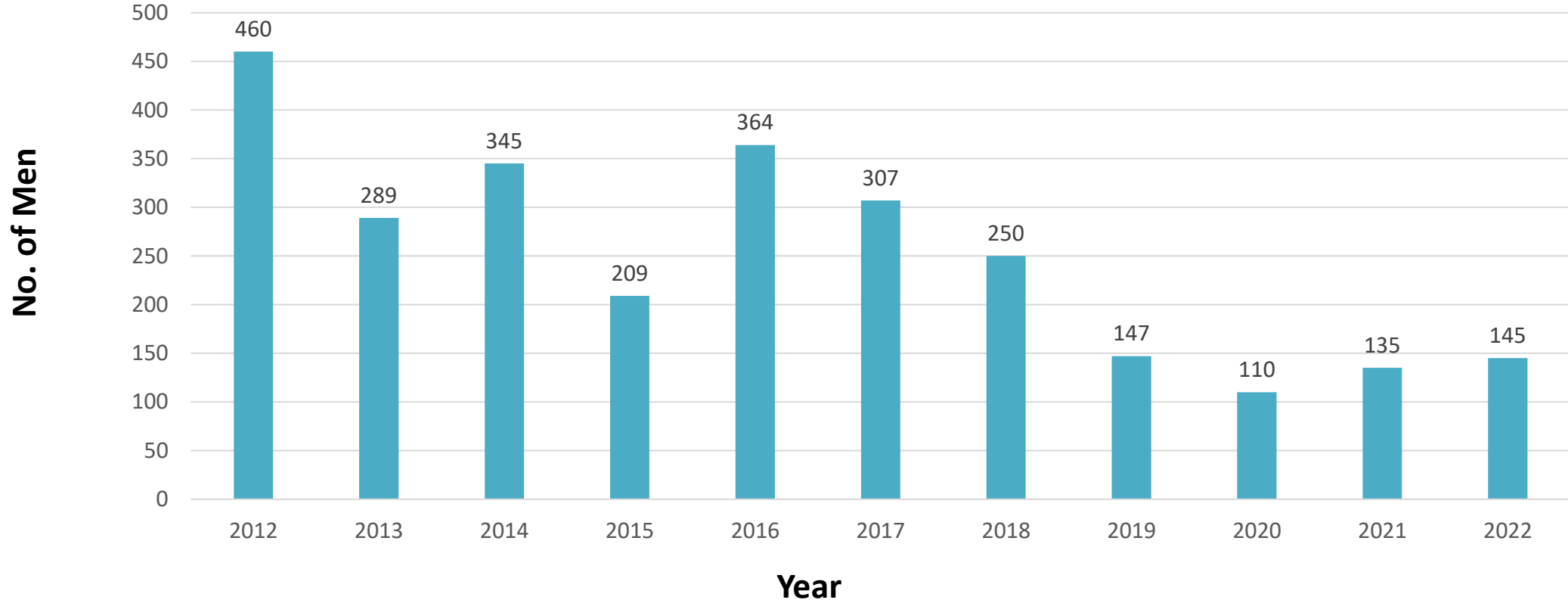


2022 - Manhours/Month

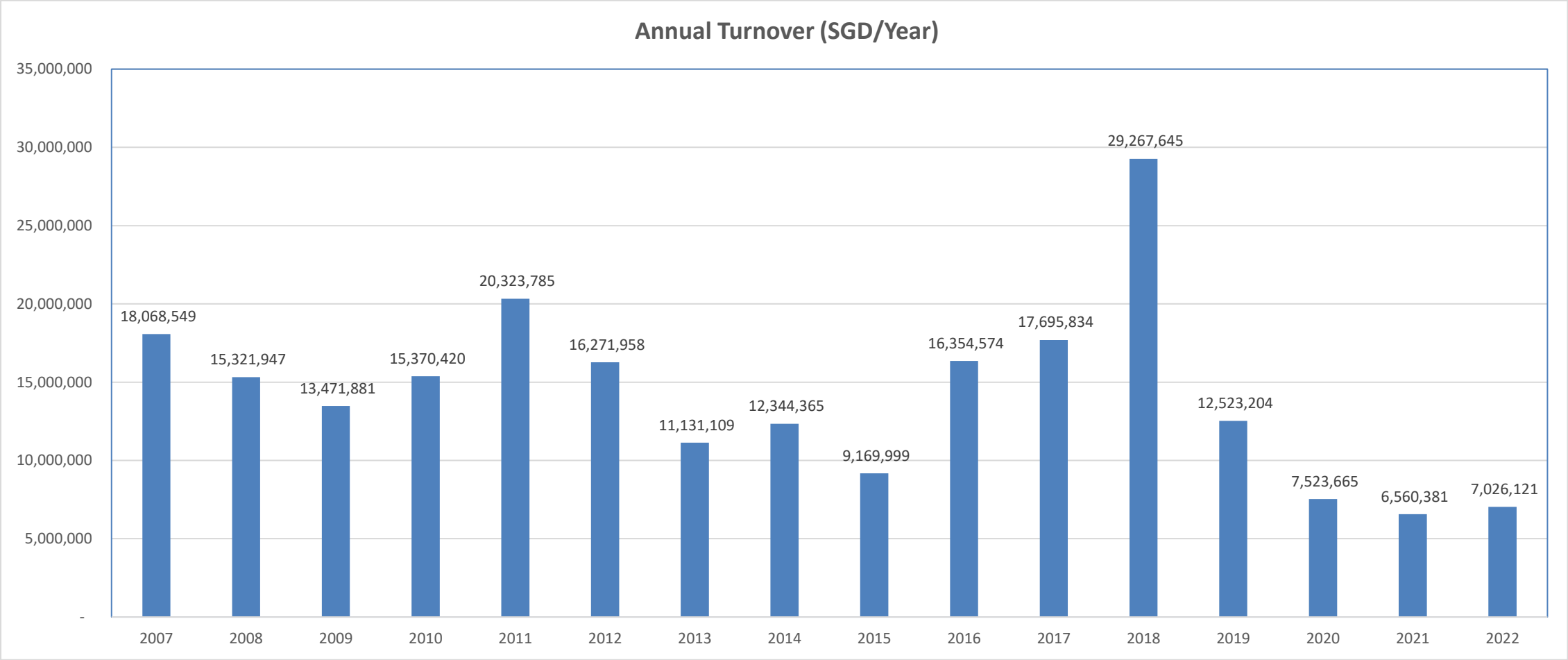




Annual Average Manpower



As illustrated, the manpower loading for the last 3 years has been declining due to the business climate in Singapore and our efforts to streamline our operations. The experience that we have in handling workers from different nationalities namely India, Bangladesh, Myanmar, Thailand and Malaysia has helped us to build a network and contacts that we could utilize should there be a need to mobilize them again.



YEAR

The annual turnover figures illustrated here are based solely on manpower and minor consumables. The procurement of main materials was on the Client side.



Current Projects

PLANT/PROJECT/LOCATION	CONTRACT PERIOD		CLIENT	OWNER / MAIN CONTRACTOR	WORK CATEGORY / JOB DESCRIPTION
	STARTED	COMPLETED			
EXXONMOBIL CRISP PROJECT JURONG ISLAND, SINGAPORE	NOVEMBER 2022		UTOC ENGINEERING PTE LTD	EXXONMOBIL / WOOD	PIPING WORK
EVONIK SIMEX PROJECT JURONG ISLAND, SINGAPORE	JUNE 2023		UTOC ENGINEERING PTE LTD	EVONIK / WOOD	EQUIPMENT INSTALLATION
ADVARIO SINGAPORE LIMITED JURONG ISLAND, SINGAPORE	JUNE 2023		ADVARIO SINGAPORE LIMITED	ADVARIO SINGAPORE LIMITED	PIPING WORK
OLAM COCOA EQUIPMENT REPLACEMENT WORK AT 342, JALAN BOON LAY SINGAPORE	SEPTEMBER 2023		L VISION ENGINEERING PTE LTD	OLAM COCOA	EQUIPMENT INSTALLATION
SHELL FURNACE RECOILING WORK BUKOM ISLAND, SINGAPORE	MARCH 2023		UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL BUKOM - PU5 RECOILING ACTIVITIES MAINTENANCE WORK LABOUR SUPPLY



WORK CATEGORY / JOB DESCRIPTION	CONTRACT PERIOD		CLIENT	OWNER / MAIN CONTRACTOR	PLANT/PROJECT/LOCATION
	STARTED	COMPLETED			
EXXONMOBIL FURNACE MAINTENANCE JURONG ISLAND, SINGAPORE	JUNE 2022	FEBRUARY 2023	UTOC ENGINEERING PTE LTD	EXXONMOBIL	FURNACE RECOIL WORK
SHELL FURNACE RECOILING WORK BUKOM ISLAND, SINGAPORE	OCTOBER 2022	DECEMBER 2022	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL BUKOM - PU5 RECOILING ACTIVITIES
EVONIK TURN AROUND OCT 2022 JURONG ISLAND, SINGAPORE	SEPTEMBER 2022	OCTOBER 2022	UTOC ENGINEERING PTE LTD	EVONIK METHIONINE SEA PTE LTD	MECHANICAL PACKAGE - TA WORK
PFIZER API EXPANSION PROJECT TUAS, SINGAPORE	NOVEMBER 2021	OCTOBER 2022	UTOC ENGINEERING PTE LTD	PFIZER / EXYTE	MECHANICAL PACKAGE - PIPING WORK
ARKEMA SYMPHONY PROJECT JURONG ISLAND, SINGAPORE	MARCH 2021	MARCH 2022	UTOC ENGINEERING PTE LTD	ARKEMA PTE. LTD. / WOODS PLC	MECHANICAL WORK PACKAGE 1 - STEEL STRUCTURE
FURNACE RECOILING WORK -FURNACE 7000 & 8000 RECOILING ACTIVITIES, PULAU BUKOM	MARCH 2021	MAY 2021	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL BUKOM - PU5 RECOILING ACTIVITIES
CCD VAE PROJECT JURONG ISLAND, SINGAPORE	JANUARY 2021	NOVEMBER'2021	UTOC ENGINEERING PTE LTD	CCD (SINGAPORE) PTE. LTD. / UTOC	MECHANICAL PACKAGE - PIPING WORK
NESTE EXPANSION PROJECT TUAS, SINGAPORE	DECEMBER'2020	MARCH'2022	HAI LECK ENGINEERING PTE LTD	NESTE / TECHNIP FMC	MECHANICAL PACKAGE - PIPING WORK
FURNACE RECOILING WORK -FURNACE 5000 RECOILING ACTIVITIES	NOVEMBER'2020	DECEMBER'2020	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL BUKOM -PU5 F5 RECOILING ACTIVITIES BUKOM, SINGAPORE
SRC TURNAROUND 2020 JURONG ISLAND	OCTOBER'2020	NOVEMBER'2020	HAI LECK ENGINEERING PTE LTD	SINGAPORE REFINING CO. PTE LTD	MECHANICAL & PIPING WORK
SHELL SERAYA SSF-2 PROJECT JURONG ISLAND	SEPTEMBER'2019	DECEMBER'2020	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM PTE.LTD.	MECHANICAL & PIPING WORK
B286 - AER PROJECT JURONG ISLAND	DECEMBER'2018	DECEMBER'2019	UTOC ENGINEERING PTE LTD	EXXONMOBIL ASIA PACIFIC PTE LTD	MECHANICAL & PIPING WORK
SHELL PU5 F10500 RECOILING PROJECT PULAU BUKOM	OCTOBER'2019	NOVEMBER'2019	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM PTE.LTD.	RECOILING WORK - REPLACE EXISTING COILS OF FURNACES
EVONIK WWTP PROJECT JURONG ISLAND	APRIL'2019	OCTOBER'2019	UTOC ENGINEERING PTE LTD	TIALOC SINGAPORE PTE LTD	MECHANICAL & PIPING WORK
FURNACE RECOVERY WORKS (F-7001- & F-7002 MECHANICAL WORK)	JUNE'2018	DECEMBER'2018	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL BUKOM -PU1 TGU STRING 1 RECOVERY WORK BUKOM, SINGAPORE



WORK CATEGORY / JOB DESCRIPTION	CONTRACT PERIOD		CLIENT	OWNER / MAIN CONTRACTOR	PLANT/PROJECT/LOCATION
	STARTED	COMPLETED			
FURNACE RECOILING WORK -FURNACE 9000 RECOILING ACTIVITIES	SEPTEMBER'2018	DECEMBER'2018	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL BUKOM -PU5 F9 RECOILING ACTIVITIES BUKOM, SINGAPORE
MECHANICAL & PIPING WORK, PACKAGE 1 EQUIPMENT INSTALLATION	SEPTEMBER'2017	NOVEMBER'2018	UTOC ENGINEERING PTE LTD	EVONIK METHIONINE SEA PTE LTD / AMEC FOSTER WHEELER	EVONIK Me6 PROJECT JURONG ISLAND
MECHANICAL & PIPING WORK, PACKAGE 1 PIPING WORK	SEPTEMBER'2017	NOVEMBER'2018	UTOC ENGINEERING PTE LTD	EVONIK METHIONINE SEA PTE LTD / AMEC FOSTER WHEELER	EVONIK Me6 PROJECT JURONG ISLAND
FURNACE RECOILING WORK -FURNACE 9000	SEPTEMBER'2018	DECEMBER'2018	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL ECC 2018 WORK SHELL BUKOM SINGAPORE
FURNACE RECOILING WORK -FURNACE 400	JULY'2017	SEPTEMBER'2017	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL ECC 2017 WORK SHELL BUKOM SINGAPORE
PIPING WORK -C80PR0004 PROJECT B ARR-ICR & FINISHING PIPING PACKAGE	DECEMBER'15	AUGUST'2017	UTOC ENGINEERING PTE LTD	EXXONMOBIL CHEMICALS ASIA PACIFIC PTE LTD / MITSUI ENGINEERING & SHIPBUILDING ASIA PTE	AuroraEOS PROJECT JURONG ISLAND
EQUIPMENT INSTALLATION -C80PR0003 PROJECT A	JULY'2015	AUGUST'2017	UTOC ENGINEERING PTE LTD	EXXONMOBIL CHEMICALS ASIA PACIFIC PTE LTD / MITSUI ENGINEERING & SHIPBUILDING ASIA PTE	AuroraEOS PROJECT JURONG ISLAND
FURNACE RECOILING WORK -FURNACE 400	MAY'2017	JUNE'2017	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL ECC 2017 WORK SHELL BUKOM SINGAPORE
FURNACE RECOILING WORK	FEBRUARY'2016	NOVEMBER'2016	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL ECC 2016 WORK SHELL BUKOM SINGAPORE
FURNACES FEED GAS LINE TSA WORK	MARCH'2016	MAY'2016	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL ECC 2016 WORK SHELL BUKOM SINGAPORE
FURNACE RADIANT COIL REPLACEMENT WORK	FEBRUARY'2015	DECEMBER'2015	UTOC ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM (PTE) LTD	SHELL ECC 2015- RECOIL PROJECT SHELL BUKOM SINGAPORE
STRUCTURAL STEEL WORKS	JANUARY'2015	JULY'2015	UTOC ENGINEERING PTE LTD	AFTON CHEMICAL ASIA PTE LTD / FOSTER WHEELER	AFTON LION PROJECT JURONG ISLAND
PIPING, STRUCTURE & EQUIPMENT INSTALLATION - ADDITIONAL WORKS	DECEMBER'2014 OCTOBER'2015	OCTOBER'2015 NOVEMBER'2015	UTOC ENGINEERING PTE LTD	LUCITE INTERNATIONAL	LUCITE PROJECT JURONG ISLAND
STEEL FABRICATION AND INSTALLATION WORK	OCTOBER'2014	DECEMBER'2014	UTOC ENGINEERING PTE LTD	EVONIK OIL ADDITIVES ASIA PACIFIC PTE LTD / M+W SINGAPORE PTE LTD	MEZZANINE FLOOR TO FACTORY 4&5
CARBON FURNACE PIPING WORKS	JUNE'2014	JANUARY'2015	UTOC ENGINEERING PTE LTD	TATE & LYLE ASIA PACIFIC PTE LTD	CARBON FURNACE PROJECT JURONG ISLAND SINGAPORE



Completed Projects

WORK CATEGORY / JOB DESCRIPTION	CONTRACT PERIOD		CLIENT	OWNER / MAIN CONTRACTOR	PLANT/PROJECT/LOCATION
	STARTED	COMPLETED			
TRANSPORTATION & BMECHANICAL ERECTION OF HEAVY EQUIPMENT WORKS	NOVEMBER'14	JANUARY'2015	UTOC ENGINEERING PTE LTD	EXXONMOBIL CHEMICALS ASIA PACIFIC PTE LTD	JURONG ISLAND
DUCTING INSTALLATION WORK	MAY'14	DECEMBER'14	UTOC ENGINEERING PTE LTD	DYNACIATE ENGINEERING SDN BHD	PBR N&BR SINGAPORE PROJECT JURONG ISLAND
MECHANICAL AND PIPING WORK	SEPTEMBER'14	NOVEMBER'14	UTOC ENGINEERING PTE LTD	EXXONMOBIL CHEMICALS ASIA PACIFIC PTE LTD	JURONG TURNAROUND PROJECT
MECHANICAL AND PIPING WORK PACKAGE 2 PIPING WORK	MAY'13	JULY'14	UTOC ENGINEERING PTE LTD	EVONIK METHIONINE SEA PTE LTD	EVONIK MES PROJECT
MECHANICAL AND PIPING WORK PACKAGE 2 EQUIPMENT INSTALLATION	APRIL'13	JUNE'14	UTOC ENGINEERING PTE LTD	EVONIK METHIONINE SEA PTE LTD	EVONIK MES5 PROJECT
MECHANICAL PIPING WORK, PACKAGE 2 (PIPING WORK, ACCELERATION)	DECEMBER'13	APRIL'14	UTOC ENGINEERING PTE LTD	EVONIK METHIONINE SEA PTE LTD	EVONIK MES5 PROJECT
PIPING FABRICATION & INSTALLATION WORK	NOVEMBER'13	APRIL'14	UTOC ENGINEERING PTE LTD	LANXESS BUTYL PTE LTD	I-PLANT ESPANSION PROJECT
DAILY MAINTENANCE WORK & ASDM WORK (EQUIPMENT & PIPING WORK)	JANUARY'13	DECEMBER'13	UTOC ENGINEERING PTE LTD	ISK SINGAPORE PTE LTD	TUAS WEST DRIVE, SINGAPORE
MAINTENANCE WORK (EQUIPMENT & PIPING WORK)	JANUARY'13	DECEMBER'13	UTOC ENGINEERING PTE LTD	TATE & LYLE SINGAPORE PTE LTD	168 SAKRA PLACE JURONG ISLAND
MECHANICAL PACKAGE (EQUIPMENT & PIPING) WORK	OCTOBER'12	MAY'13	UTOC ENGINEERING PTE LTD	DENKA ADVANTECH PTE LTD	SSF PROJECT TUAS SINGAPORE
MECHANICAL AND E&I WORKS	JULY'12	MAY'13	UTOC ENGINEERING PTE LTD	SUNSTAR ENGINEERING INC	SINGAPORE R&D CENTER PROJECT 77 TUAS SOUTH AVENUE 1 SINGAPORE
STRUCTURAL STEEL TO COMPRESSOR SHELTERS (MANPOWER & EQUIPMENT SUPPLY)	MARCH'12	MARCH'13	UTOC ENGINEERING PTE LTD	EXXONMOBIL CHEMICALS ASIA PACIFIC PTE LTD / STONE & WEBSTER ASIA INC.	SINGAPORE PARALLEL TRAIN PROJECT OLEFINS RECOVERY AND UTILITIES FACILITIES JURONG ISLAND
DAILY MAINTENANCE WORK & ASDM WORK (EQUIPMENT & PIPING WORK)	JANUARY'12	DECEMBER'12	UTOC ENGINEERING PTE LTD	ISK SINGAPORE PTE LTD	TUAS WEST DRIVE, SINGAPORE
MAINTENANCE WORK (EQUIPMENT & PIPING WORK)	JANUARY'12	DECEMBER'12	UTOC ENGINEERING PTE LTD	TATE & LYLE SINGAPORE PTE LTD	168 SAKRA PLACE JURONG ISLAND
MECHANICAL PACKAGE ME2	JULY'11	AUGUST'12	UTOC ENGINEERING PTE LTD	LANXESS BUTYL PTE LTD /	LANXESS BTR SINGAPORE PROJECT OLEFINS JURONG ISLAND



WORK CATEGORY / JOB DESCRIPTION	CONTRACT PERIOD		CLIENT	OWNER / MAIN CONTRACTOR	PLANT/PROJECT/LOCATION
	STARTED	COMPLETED			
STRUCTURAL STEEL TO COMPRESSOR SHELTERS	MAY'10	MARCH'12	UTOE ENGINEERING PTE LTD	EXXONMOBIL CHEMICALS ASIA PACIFIC PTE LTD / STONE & WEBSTER ASIA INC.	SINGAPORE PARALLEL TRAIN PROJECT JURONG ISLAND
MECHANICAL, ELECTRICAL & INSTALLATION (EQUIPMENT & PIPING) WORK	AUGUST'11	FEBRUARY'12	UTOE ENGINEERING PTE LTD	DENKA SINGAPORE PTE LTD	SIP PROJECT JURONG ISLAND
DAILY MAINTENANCE WORK & ASDM WORK (EQUIPMENT & PIPING WORK)	JANUARY'11	DECEMBER'11	UTOE ENGINEERING PTE LTD	ISK SINGAPORE PTE LTD	TUAS WEST DRIVE, SINGAPORE
MAINTENANCE WORK (EQUIPMENT & PIPING WORK)	JANUARY'11	DECEMBER'11	UTOE ENGINEERING PTE LTD	TATE & LYLE SINGAPORE PTE LTD	168 SAKRA PLACE JURONG ISLAND
EQUIPMENT INSTALLATION WORKS	JANUARY'10	JUNE'11	UTOE ENGINEERING PTE LTD	mitsui ENGINEERING & SHIPBUILDING CO., LTD	SINGAPORE OLEFINS FURNACE (SPTOF) PROJECT JURONG ISLAND
DAILY MAINTENANCE WORK & ASDM WORK (EQUIPMENT & PIPING WORK)	JANUARY'10	DECEMBER'10	UTOE ENGINEERING PTE LTD	ISK SINGAPORE PTE LTD	TUAS WEST DRIVE, SINGAPORE
MAINTENANCE WORK (EQUIPMENT & PIPING WORK)	JANUARY'10	DECEMBER'10	UTOE ENGINEERING PTE LTD	TATE & LYLE SINGAPORE PTE LTD	168 SAKRA PLACE JURONG ISLAND
EQUIPMENT INSTALLATION WORKS	SEPTEMBER'09	NOVEMBER'10	UTOE ENGINEERING PTE LTD	EXXONMOBIL CHEMICALS ASIA PACIFIC PTE LTD / MITSUI ENGINEERING & SHIPBUILDING ASIA PTE	SINGAPORE METALLOCENE ELASTOMERS (SME) PROJECT, JURONG ISLAND
PIPING, STEEL STRUCTURE AND OTHER MISCELLANEOUS WORKS	JUNE'10	SEPTEMBER'10	UTOE ENGINEERING PTE LTD	NATURAL FUEL RESOURCES PTE LTD	NATURAL FUEL PLANT JURONG ISLAND
EQUIPMENT INSTALLATION WORKS	FEBRUARY'09	AUGUST'10	UTOE ENGINEERING PTE LTD	EXXONMOBIL CHEMICALS ASIA PACIFIC PTE LTD / MITSUI ENGINEERING & SHIPBUILDING ASIA PTE	SINGAPORE POLYPROPYLENE (SPP2) PROJECT JURONG ISLAND
MANPOWER SUPPLY FOR COLD COMMISSIONING WORK	AUGUST'09	APRIL'10	UTOE ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM PTE LTD / CB&I LUMMUS - TOYO JV	SHELL ECC PROJECT
DAILY MAINTENANCE WORK & ASDM WORK (EQUIPMENT & PIPING WORK)	JAN'2009	DECEMBER'09	UTOE ENGINEERING PTE LTD	ISK SINGAPORE PTE LTD	TUAS WEST DRIVE, SINGAPORE
MECHANICAL AND STRUCTURAL WORKS	AUGUST'08	NOVEMBER'09	UTOE ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM PTE LTD / CB&I LUMMUS - TOYO JV	SHELL BDX PROJECT
CRACKING HEATER INSTALLATION INCLUDING PIPING AND PAINTING WORKS	OCTOBER'07	APRIL'09	UTOE ENGINEERING PTE LTD	SHELL EASTERN PETROLEUM PTE LTD / CB&I LUMMUS - TOYO JV	SHELL ECC PROJECT



WORK CATEGORY / JOB DESCRIPTION	CONTRACT PERIOD		CLIENT	OWNER / MAIN CONTRACTOR	PLANT/PROJECT/LOCATION
	STARTED	COMPLETED			
PIPING FABRICATION &INSTALLATION PIPE SUPPORT FABRICATION &INSTALLATION	MARCH'08	JULY'08	UTOC ENGINEERING PTE LTD	MSD TECHNOLOGY SINGAPORE PTE LTD / JACOBS ENGINEERING PTE LTD	MSD RC SUPPLY PROJECT TUAS, JURONG SINGAPORE
DAILY MAINTENANCE WORK & ASDM WORK (EQUIPMENT & PIPING WORK)	JANUARY'08	DECEMBER'08	UTOC ENGINEERING PTE LTD	ISK SINGAPORE PTE LTD	TUAS WEST DRIVE, SINGAPORE
MECHANICAL AND PIPING INSTALLATION	JANUARY'08	AUGUST'08	UTOC ENGINEERING PTE LTD	CIBA INDUSTRIES (SINGAPORE) PTE LTD / JACOBS ENGINEERING PTE LTD	CIBA SINGAPORE AO PLANT -IRGAFOS AREA 20 BANYAN AVENUE, JURONG ISLAND
PIPING FABRICATION &INSTALLATION PIPE SUPPORT FABRICATION &INSTALLATION	DECEMBER'07	AUGUST'08	UTOC ENGINEERING PTE LTD	CIBA INDUSTRIES (SINGAPORE) PTE LTD / JACOBS ENGINEERING PTE LTD	CIBA SINGAPORE AO PLANT 20 BANYAN AVENUE, JURONG ISLAND
INDIRECT / DIRECT MANPOWER SUPPLY WORK AND OTHER MISCELLANEOUS WORK	JULY'07	SEPTEMBER'08	UTOC ENGINEERING PTE LTD	NATURAL FUEL PTE LTD	BANYAN DRIVE, JURONG ISLAND
PIPING FABRICATION &INSTALLATION PIPE SUPPORT FABRICATION &INSTALLATION	FEBRUARY'07	JANUARY'08	UTOC ENGINEERING PTE LTD	CIBA INDUSTRIES (SINGAPORE) PTE LTD / JACOBS ENGINEERING PTE LTD	SINGAPORE AO PLANT PROJECT 20 BANYAN AVENUE, JURONG ISLAND
INDIRECT / DIRECT MANPOWER SUPPLY WORK AND OTHER MISCELLANEOUS WORK	JANUARY'07	DECEMBER'07	UTOC ENGINEERING PTE LTD	CIBA INDUSTRIES (SINGAPORE) PTE LTD / JACOBS ENGINEERING PTE LTD	SINGAPORE AO PLANT PROJECT 20 BANYAN AVENUE, JURONG ISLAND
DAILY MAINTENANCE WORK & ASDM WORK (EQUIPMENT & PIPING WORK)	JANUARY'07	DECEMBER'07	UTOC ENGINEERING PTE LTD	ISK SINGAPORE PTE LTD	TUAS WEST DRIVE, SINGAPORE
MANPOWER SUPPLY FOR ERECTION WORKS BARGE & LAND TRANSPORTATION WORK	JANUARY'07	OCTOBER'07	UTOC ENGINEERING PTE LTD	MITSUBISHI CORPORATION	SINGAPORE FLYER - GIANT OBSERVATION WHEEL 30 RAFFLES AVENUE, SINGAPORE
MANPOWER SUPPLY AND EQUIPMENT RENTAL FOR MISCELLANEOUS WORK	MARCH'06	NOVEMBER'07	UTOC ENGINEERING PTE LTD	TATE & LYLE SUCRALOSE INC. / LOCKWOOD GREENE ASIA PACIFIC PTE LTD	PROJECT CRYSTAL 168 SAKRA PLACE, SAKRA ROAD JURONG ISLAND
PIPING FABRICATION &INSTALLATION PIPE SUPPORT FABRICATION &INSTALLATION	MARCH'06	JANUARY'07	UTOC ENGINEERING PTE LTD	GLAXO WELLCOME MANUFACTURING PTE LTD / JACOBS ENGINEERING PTE LTD	GSK R&D - CHEMDEV. PILOT PLANT
DAILY MAINTENANCE WORK & ASDM WORK (EQUIPMENT & PIPING WORK)	JANUARY'06	DECEMBER'06	UTOC ENGINEERING PTE LTD	ISK SINGAPORE PTE LTD	TUAS WEST DRIVE, SINGAPORE
PIPING FABRICATION &INSTALLATION PIPE SUPPORT FABRICATION &INSTALLATION	MAY'05	MARCH'06	UTOC ENGINEERING PTE LTD	DENKA SINGAPORE PTE LTD	DENKA NCP3&SPS2 EXPANSION JURONG ISLAND

September 2005

March 2009

July 2009

June 2011

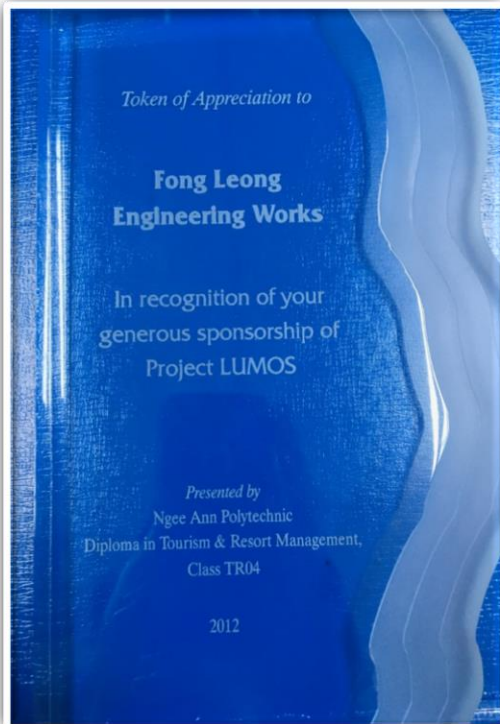


February 2013

March 2013

May 2014

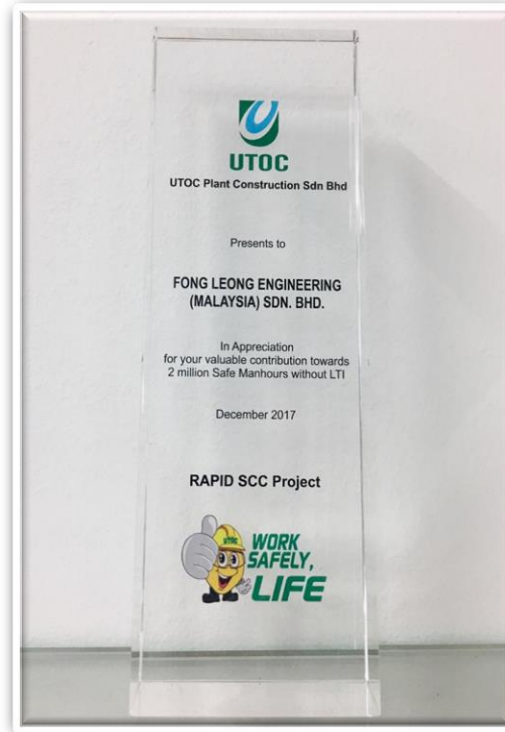
December 2015



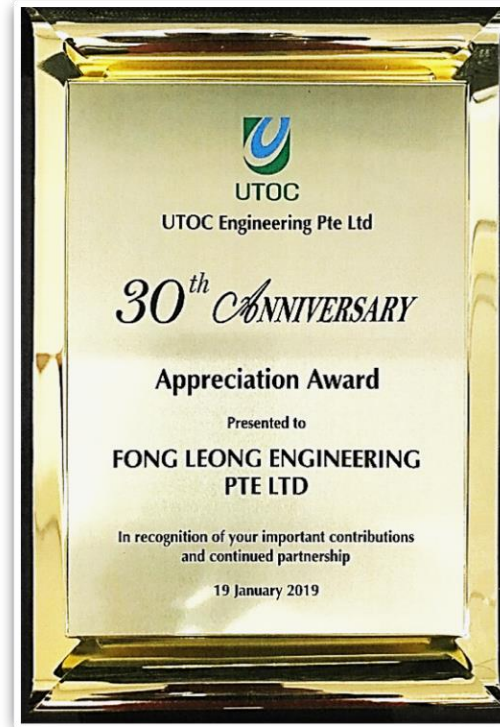
September 2016



December 2017



January 2019



January 2019





CERTIFICATE OF REGISTRATION

Certificate No. 707956

The Quality Management Systems of

Fong Leong Engineering Pte. Ltd.
10 Buroh Street #04-07 West Connect Building Singapore 627564

has been audited and found to conform to

ISO 9001:2015

for the following activities

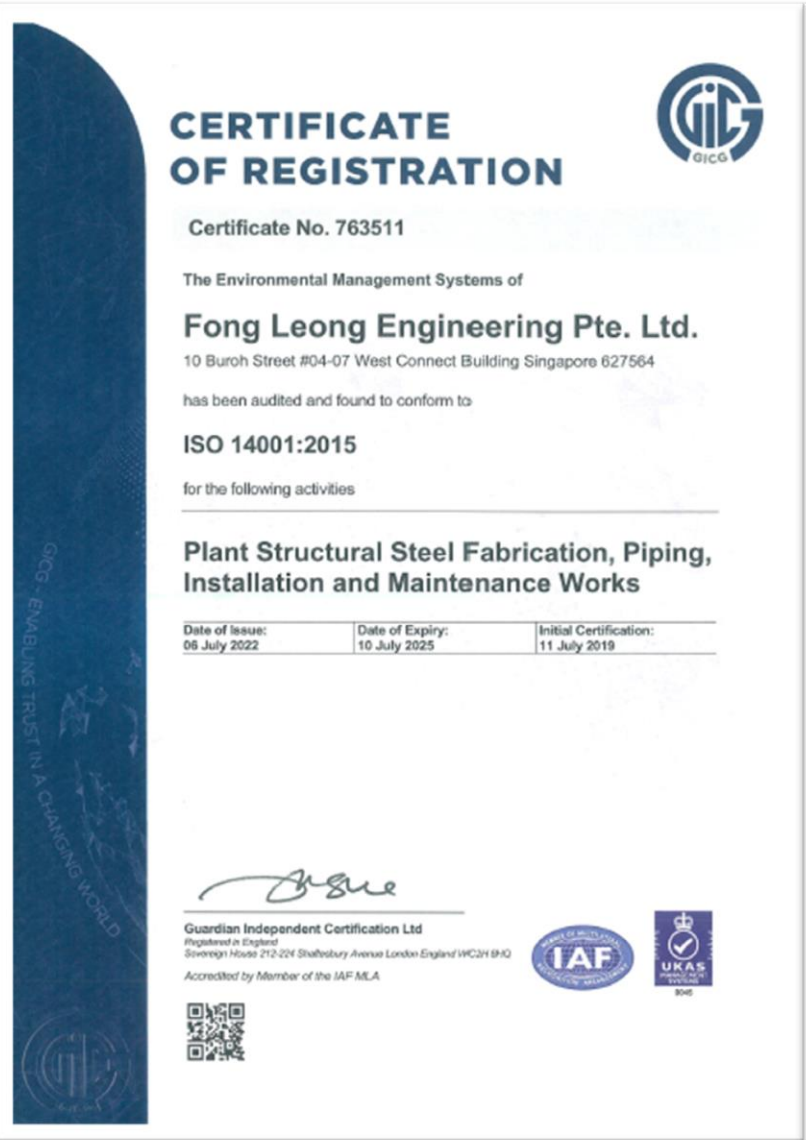
Plant Structural Steel Fabrication, Piping, Installation and Maintenance Works

Date of Issue: 06 July 2022	Date of Expiry: 10 July 2025	Initial Certification: 11 July 2019
--------------------------------	---------------------------------	--

Signature

Guardian Independent Certification Pte Ltd
10 Ulin Crescent #04-24 Ulin Techpark Singapore 420504
Accredited by Member of the IAF MLA



CERTIFICATE OF REGISTRATION

Certificate No. 763511

The Environmental Management Systems of

Fong Leong Engineering Pte. Ltd.
10 Buroh Street #04-07 West Connect Building Singapore 627564

has been audited and found to conform to

ISO 14001:2015




for the following activities

Plant Structural Steel Fabrication, Piping, Installation and Maintenance Works

Date of Issue: 06 July 2022	Date of Expiry: 10 July 2025	Initial Certification: 11 July 2019
--------------------------------	---------------------------------	--

Signature

Guardian Independent Certification Ltd
Registered in England
Sovereign House 212-224 Stratfordbury Avenue London England WC3H 9JQ
Accredited by Member of the IAF MLA


CERTIFICATE OF REGISTRATION

Certificate No. 783333

The Occupational Health and Safety Management Systems of

Fong Leong Engineering Pte. Ltd.
10 Buroh Street #04-07 West Connect Building Singapore 627564

has been audited and found to conform to

ISO 45001:2018

for the following activities

Plant Structural Steel Fabrication, Piping, Installation and Maintenance Works

Date of Issue: 06 July 2022	Date of Expiry: 10 July 2025	Initial Certification: 11 July 2019
--------------------------------	---------------------------------	--

Signature

Guardian Independent Certification Pte Ltd
10 Ulin Crescent #04-24 Ulin Techpark Singapore 420504
Accredited by Member of the IAF MLA









Fong Leong Engineering (Malaysia) Sdn. Bhd. was incorporated in Johor Bharu, Malaysia in November 2014. Our management office is located at 73-B, Jalan Indah 15/2, Taman Bukit Indah, 79100 Iskandar Puteri, Johor.

In 2015, we were awarded the Cracking Heater and Piping Erection Works package in the Petronas owned Refinery And Petrochemical Integrated Development (RAPID) Project in Pengerang, Johor, Malaysia by UTOC Plant Construction Sdn. Bhd. (UPC). Our scope was to provide supervision and direct workforce. The volume of work consisted of 120,000 dia-inch of piping installation work , erection of 2,700 ton of steel structure and heavy lifting and installation of 5,500 ton of equipment.

The project started in May 2016 and we successfully completed it in December 2018. During the peak period, we had a workforce of 850 men from nationalities as diverse as Nepal, Pakistan, Vietnam, Bangladesh, Thailand, India, Indonesia, Malaysia and Singapore. The most challenging part was to instill the values and concept of safety and productivity that we are used to in Singapore to the workforce over there and we succeeded through detailed planning, determination and close co-operation with UPC. It was a testament of our capability to undertake a project of such magnitude.

We are proud to have contributed to the project and also that we were asked by UPC to supply 200 of our skilled trade manpower to assist them to complete other contractor's piping work packages from August 2018 up to December 2019.

FONG LEONG ENGINEERING (MALAYSIA) SDN. BHD.

13

Subsidiary Company in Malaysia

Year 2016

PETRONAS RAPID Project



- Foundation Padding Work for Furnace Panel Installation



- Pre-assemble work of Furnace Panel
- Bolt Tightening and Welding Work



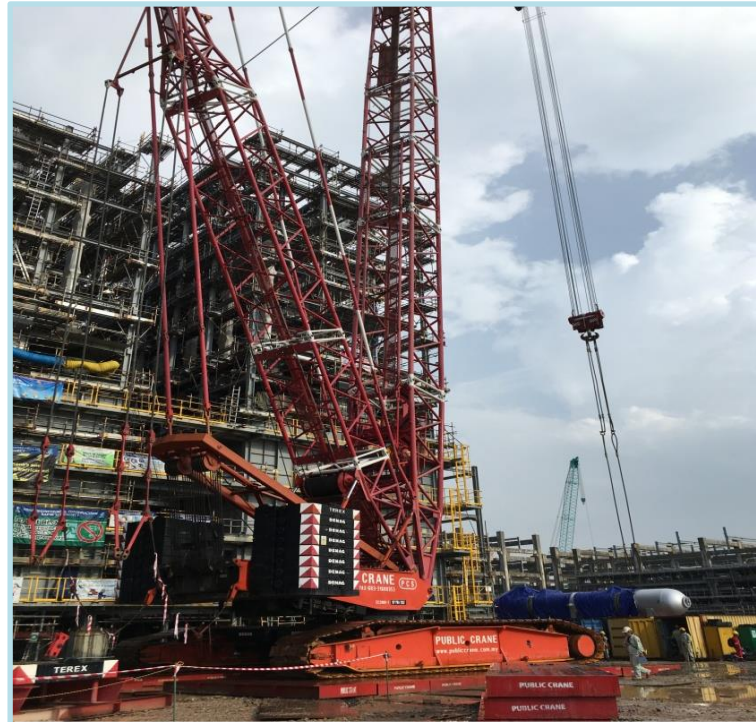
- Erection of Furnace Panel

Year 2016

PETRONAS RAPID Project



➤ Installation of Radiant Coil



➤ Heavy Equipment Installation



➤ Furnace Upper Steel Structure Installation

**FONG LEONG ENGINEERING
(MALAYSIA) SDN. BHD.**



**Subsidiary Company in
Malaysia**

Year 2017

PETRONAS RAPID Project



➤ Furnace Burner Equipment Installation



➤ Pipe Spool launch by Lifting Team of more than 100 spools per day



➤ Furnace Pipe Spool welding daily progress average 300 dB by our Welding Team

FONG LEONG ENGINEERING (MALAYSIA) SDN. BHD.

13

Subsidiary Company in Malaysia

Year 2017

PETRONAS RAPID Project



- Formwork and Grouting work for Radiant heart support



- Convection Module Installation 3 Module per day by our Lifting Team



- Preparing for Hydro Test on ground before Pipe Spool Installation.

Year 2018

PETRONAS RAPID Project



➤ Furnace end view together with Pipe rack
➤ Pipe rack pipe spool installation by Fong Leong

➤ Furnace front view

PETRONAS RAPID Project



➤ Near completion for 6 Twin units of Furnace in **2018**.

FONG LEONG ENGINEERING (MALAYSIA) SDN. BHD.

13

Subsidiary Company in Malaysia

PETRONAS RAPID Project



➤ Completion together with commissioning towards the end of 2018.

FONG LEONG ENGINEERING (MALAYSIA) SDN. BHD.



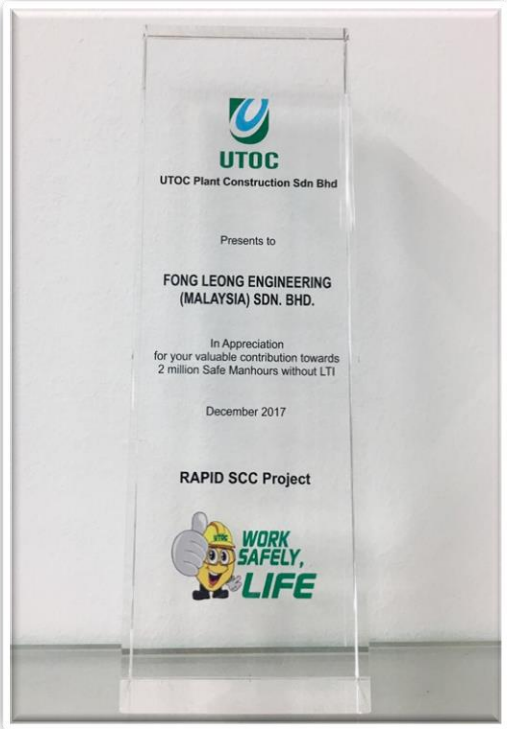
Subsidiary Company in Malaysia

PETRONAS RAPID Project

September 2016



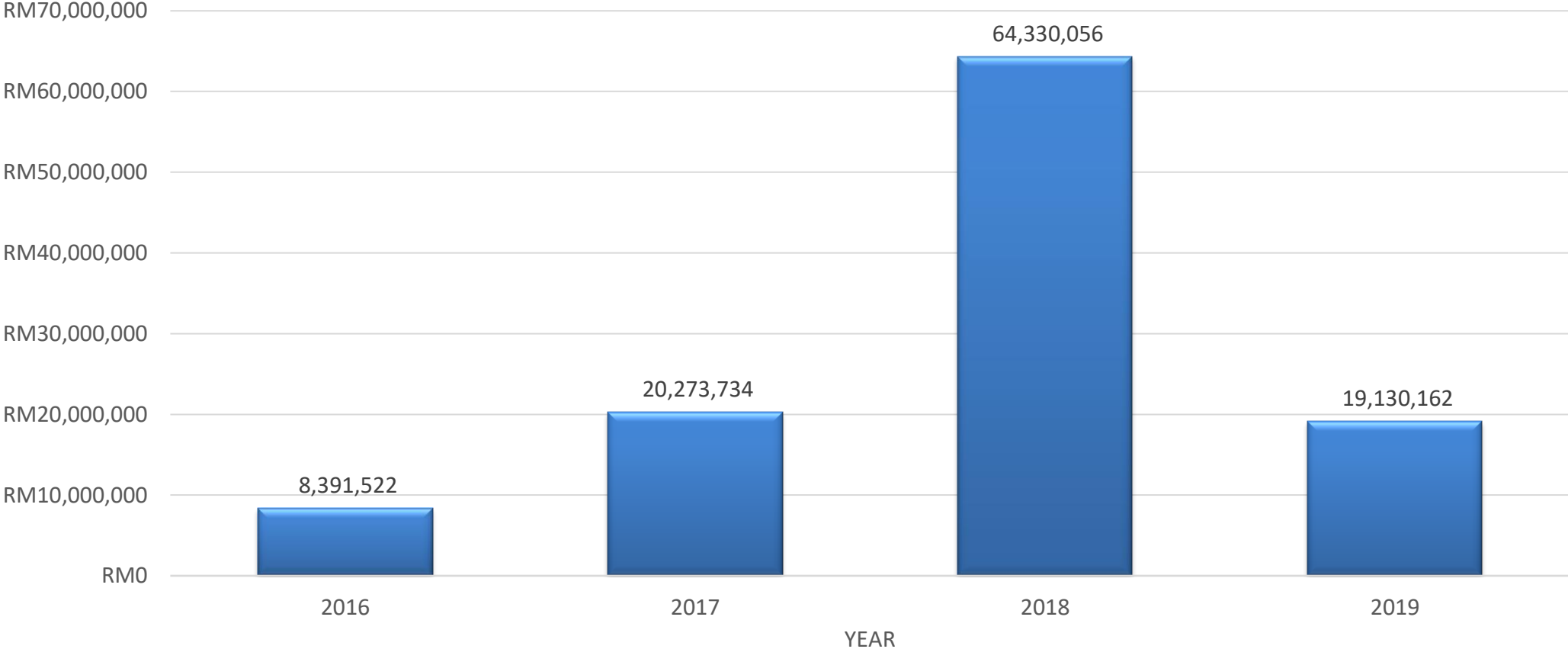
December 2017



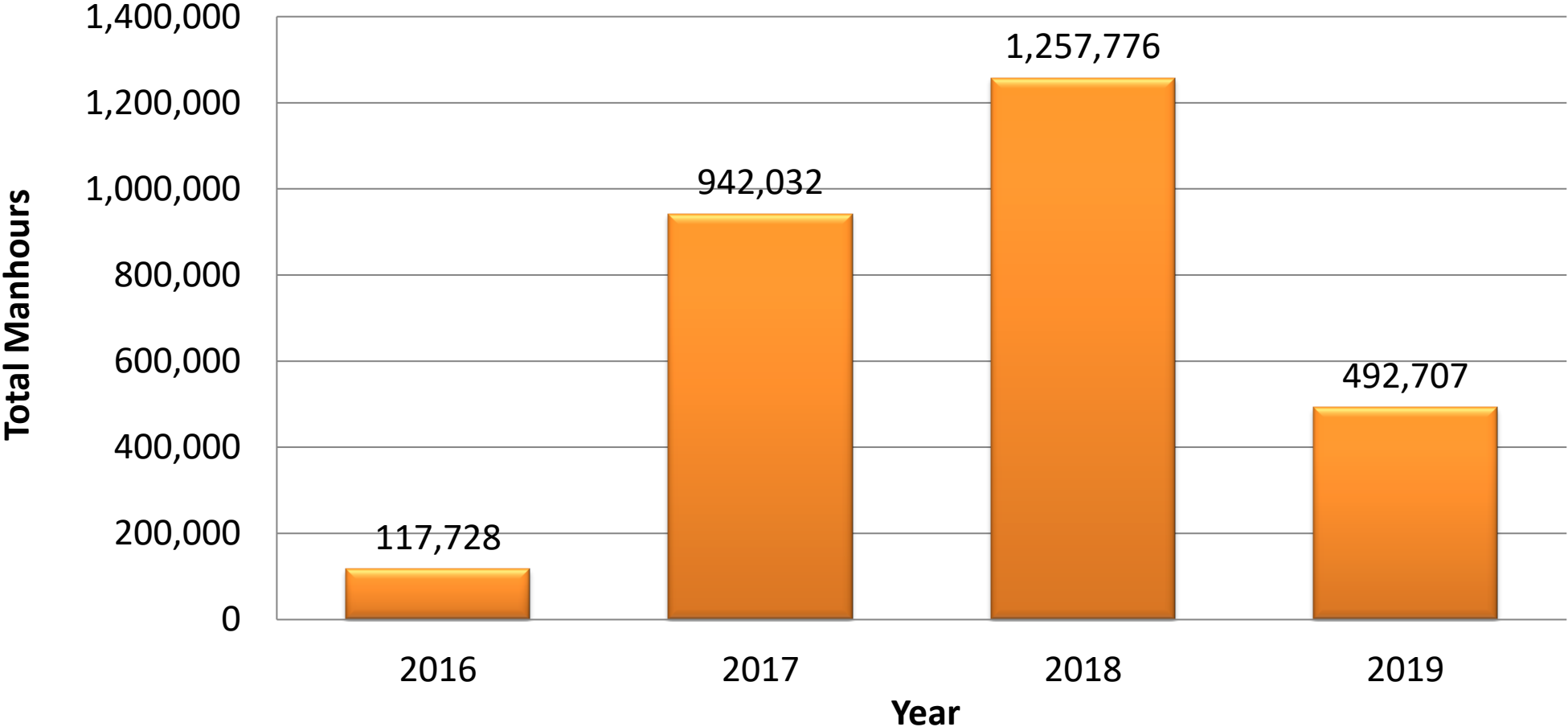
January 2019



Malaysia Annual Turnover (RM/Year)



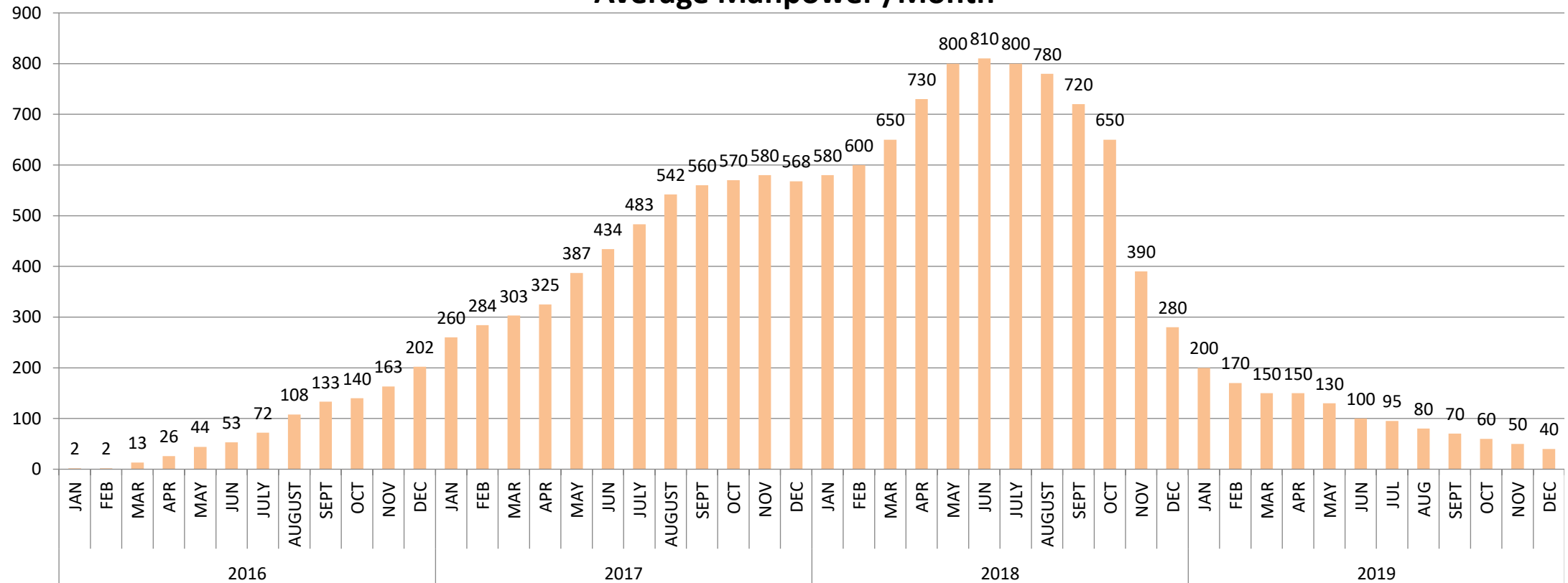
The annual turnover figures illustrated are based solely on manpower and minor consumables. The procurement of main materials was on the Client side.



**Safety Statistics – Manhours Record for PETRONAS
RAPID Project up to December 2019**

PETRONAS RAPID Project

Average Manpower /Month



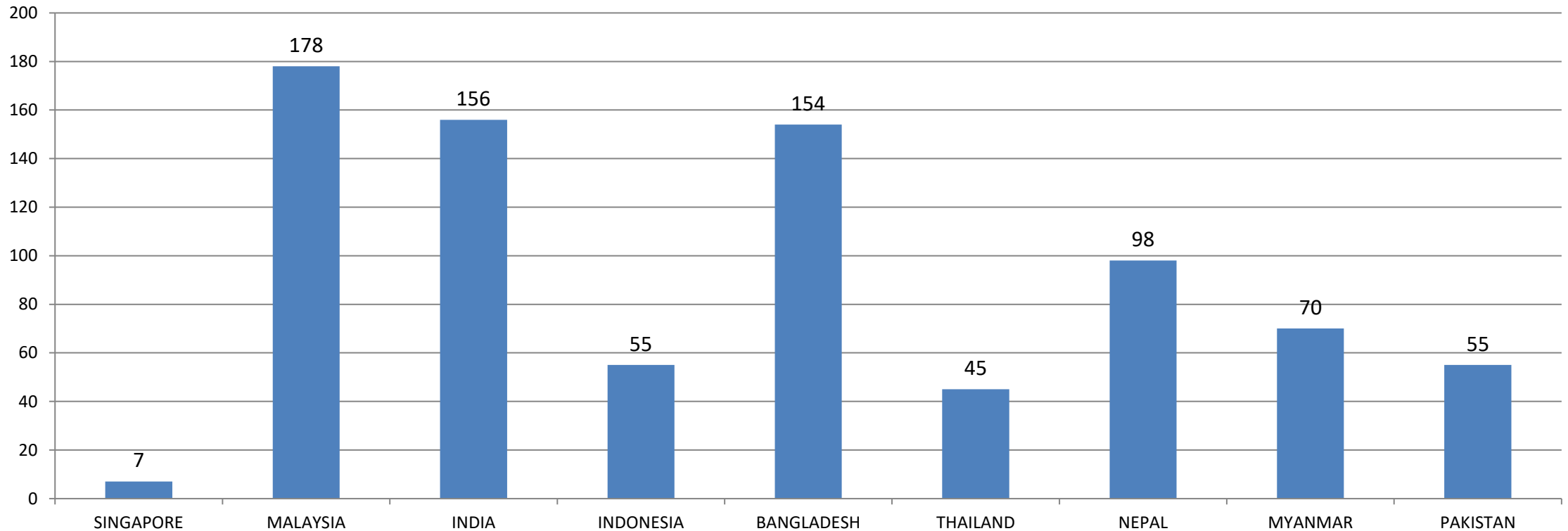
The mix ratio that we used for the project was 70:30. The 70% of the foreign workers were sourced from India, Myanmar, Indonesia, Thailand, Nepal, Bangladesh, Vietnam, and Pakistan. The 30% local are mostly Malaysians from state of Sabah and Sarawak and staffs from our Singapore office.

FONG LEONG ENGINEERING (MALAYSIA) SDN. BHD.

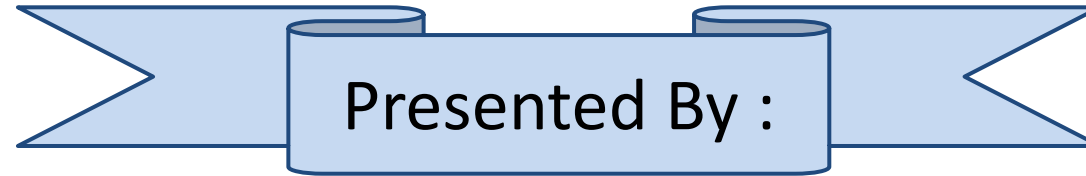


Subsidiary Company in Malaysia

PETRONAS RAPID Project



■ Breakdown by Nationality during Peak Manpower



FONG LEONG ENGINEERING PTE LTD

THANK YOU

