

# PIPED GAS DISTRIBUTION INDUSTRY STATISTICS

2013



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## **Disclaimer**

The data and information in this report represent a fair and reasonable overview of the Piped Gas Distribution Industry. Every effort has been made to verify, validate and accurately represent the information in this report, based on the daily, monthly and yearly reports which were submitted by licensees pursuant to their licence conditions.

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# 1.0 Background



## **BACKGROUND**

### **1.1 GAS SUPPLY ACT 1993**

The government introduced the Gas Supply Act 1993 (Act 501) and Gas Supply Regulations 1997 to regulate piped gas supply and utilisation activities. The main objective is to protect the interests of the consumers and the public who are affected by the supply activities whilst at the same time ensuring continued viability of the gas supply businesses. Act 501 prescribes the administrative and technical standards in the aspects of safety, reliability, economy, efficiency and quality.

In Act 501 gas is defined as methane, ethane, propane, butane or hydrocarbons which may consist of one or more of the above gases in the form of gas or liquid. Natural gas is mainly methane with a small percentage of other hydrocarbons and non-hydrocarbon gases whereas Liquefied Petroleum Gas (LPG) comprises of mainly propane and butane. Other types of gases, such as oxygen, nitrogen and acetylene used in the industrial sector are not covered by Act 501.

The act is not applicable throughout the gas supply chain. Its scope covers only the supply of natural gas through pipeline downstream of the last flange of the city gate station or the supply of LPG from the filling point of storage tanks or cylinders to gas appliances. Natural gas transmission and lateral pipeline systems (up to and including the city gate stations) are outside the scope of Act 501. Presently, Act 501 is only applicable in the Peninsula and Sabah.

## 1.2 FUNCTIONS OF THE ENERGY COMMISSION UNDER ACT 501

- i. To ensure a licensee satisfies all reasonable demands for gas through pipelines.
- ii. To ensure a licensee could finance the provision of gas supply services.
- iii. To protect the interests of consumers of gas supplied through pipelines in respect of
  - The prices charged and the other terms of supply.
  - The continuity of supply.
  - The quality of the gas supply services provided.
- iv. To regulate the composition, pressure, purity and volume of gas supplied through pipelines.
- v. To promote efficiency and economy to supply gas through pipelines and the efficient use of gas supplied through pipelines.
- vi. To protect the public from dangers arising from the distribution of gas through pipelines or from the use of gas supplied through pipelines.
- vii. To enable persons to compete effectively in the supply of gas through pipelines.
- viii. To investigate any accident or fire involving any gas pipeline or installation.

## 1.3 GAS SPECIFICATIONS

### 1.3.1 Peninsular Malaysia

Table 1 : Average Natural Gas Composition Supplied by Gas Malaysia Berhad (GMB)

Gas Composition	MT-JDA Gas Mole (%)	Kerteh Mole (%)
CH <sub>4</sub>	85.86	95.17
C <sub>2</sub> H <sub>6</sub>	4.99	2.47
C <sub>3</sub> H <sub>8</sub>	1.54	0.43
iC <sub>4</sub> H <sub>10</sub>	0.12	0.02
nC <sub>4</sub> H <sub>10</sub>	0.09	0.02
iC <sub>5</sub> H <sub>12</sub> +	0.08	0.01
nC <sub>5</sub> H <sub>12</sub> +	0.04	0.01
C <sub>6</sub> H <sub>14</sub> +	0.02	0.01
CO <sub>2</sub>	5.38	1.23
N <sub>2</sub>	1.88	0.63

Table 2 : Typical Natural Gas Characteristics Supplied by Gas Malaysia Berhad (GMB)

Natural Gas Property	MT-JDA	Kerteh
Specific Gravity	0.66	0.60
Gross Calorific Value, (kcal/Sm <sup>3</sup> )	9,326	9,534
Burning Velocity, (m/s)	0.28	0.31
Upper Flammability Limit, (%)	15.3	15.4
Lower Flammability Limit, (%)	4.3	4.5
Auto-ignition Temperature, (°C)	628	640
Theoretical Air Requirement, (m <sup>3</sup> /m <sup>3</sup> )	9.71	9.74

Table 3: Average Liquefied Petroleum Gas (LPG) Composition in the Peninsula

Gas	Mole (%)
$C_3H_8$	40.0
$iC_4H_{10}$	30.0
$nC_4H_{10}$	30.0

Table 4: Typical LPG Characteristics

Typical LPG Characteristics	
Specific Gravity	1.65
Gross Calorific Value, (kcal/Sm <sup>3</sup> )	28,059
Burning Velocity, (m/s)	0.46
Upper Flammability Limit, (%)	8.5
Lower Flammability Limit, (%)	1.9
Auto-ignition Temperature, (°C)	510
Theoretical Air Requirement, (m <sup>3</sup> /m <sup>3</sup> )	28.81

### 1.3.2 Sabah & Labuan

Table 5: Average Natural Gas Composition Supplied by Sabah Energy Corporation Sdn. Bhd. (SEC)

Gas Composition	Kota Kinabalu, Sabah Mole (%)	Labuan Mole (%)
CH <sub>4</sub>	92.62	92.43
C <sub>2</sub> H <sub>6</sub>	3.37	3.29
C <sub>3</sub> H <sub>8</sub>	1.46	1.25
iC <sub>4</sub> H <sub>10</sub>	0.29	0.25
nC <sub>4</sub> H <sub>10</sub>	0.34	0.29
iC <sub>5</sub> H <sub>12</sub> +	0.14	0.11
nC <sub>5</sub> H <sub>12</sub> +	0.09	0.08
C <sub>6</sub> H <sub>14</sub> +	0.17	0.15
CO <sub>2</sub>	1.36	1.29
N <sub>2</sub>	0.15	0.86

Table 6: Typical Natural Gas Characteristics Supplied by Sabah Energy Corporation Sdn. Bhd. (SEC)

Typical Natural Gas Characteristics	Kota Kinabalu, Sabah	Labuan
Specific Gravity	0.61	0.62
Gross Calorific Value, (kcal/Sm <sup>3</sup> )	9,536.58	10,109.14
Burning Velocity, (m/s)	>0.39	>0.39
Upper Flammability Limit, (%)	14.0	14.0
Lower Flammability Limit, (%)	4.0	4.0
Auto-ignition Temperature, (°C)	>630	>630
Theoretical Air Requirement, (m <sup>3</sup> /m <sup>3</sup> )	9.87	9.87

## 1.4 GAS DISTRIBUTION SYSTEM

Figure 1: Natural Gas Distribution Pipeline in the Peninsula



Table 7: Natural Gas & LPG Supplied Areas in the Peninsula by Gas Malaysia Berhad (GMB)

Type of Gas	Region			East
	North	Central	South	
Natural Gas	Kamunting, Kulim, Parit Buntar, Nibong Tebal, Prai, Kangar, Seri Manjung, Sungai Petani, Setiawan, Lumut, Tronoh, Padang Terap, Chuping.	Kuala Lumpur, Petaling Jaya, Batu Caves, Selayang, Shah Alam, Klang, Sepang, Salak Tinggi, Puchong, Banting, Nilai, Serdang, Balakong, Sungai Buloh, Damansara, Kelana Jaya, Putrajaya, KLIA, Bangi, Cyberjaya, Dengkil, Kajang, Cheras, Teluk Panglima Garang, Beranang, Bestari Jaya, Jeram, North Port, Bandar Sultan Sulaiman, Pandamaran, Ipoh, Seri Kembangan, Semenyih, Kundang, Rawang, West Port.	Pasir Gudang, Tanjung Langsat, Tebrau, Tampoi, LarKin, Plentong Senai, Kulai, Air Hitam, Kluang, Senawang, Cheng, Seremban, Alor Gajah, Ayer Keroh, Tangga Batu, Batu Berendam, Bukit Rambai, Seremban 2.	Gebeng, Teluk Kalong, Kamaman, Kerteh, Kuantan Port, Gambang.
LPG	Pulau Pinang, Sungai Petani, Ipoh, Seri Manjung, Teluk Intan, Seri Iskandar, Mergong.	Damansara, Kelana Jaya, Petaling Jaya, Batu Caves, Klang, Puchong, Shah Alam, Kajang, Kuala Lumpur, Ampang, Selayang.	Johor Bahru, Gelang Patah, Tampoi, Bandar Melaka, Nusajaya.	Kuantan.

Figure 2: Natural Gas Supply Areas in Sabah and Labuan



Natural gas supply areas in Sabah and Labuan are limited to the Kota Kinabalu Industrial Park (KKIP) and Labuan as shown in Figure 2.

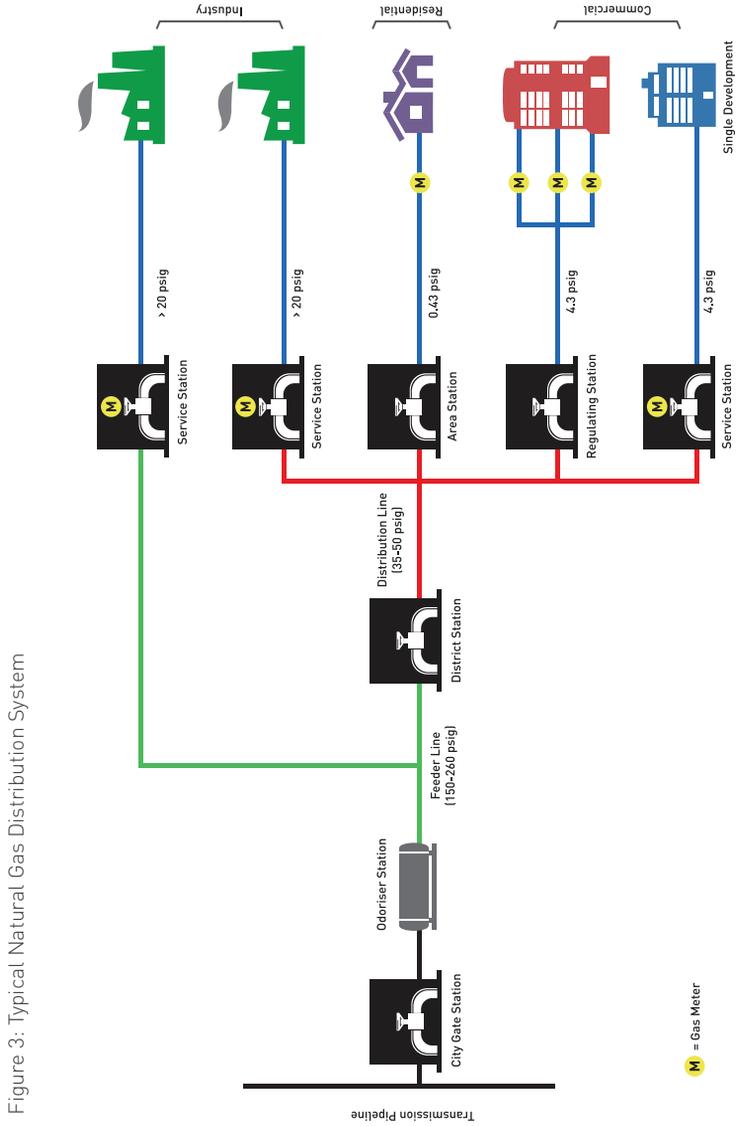
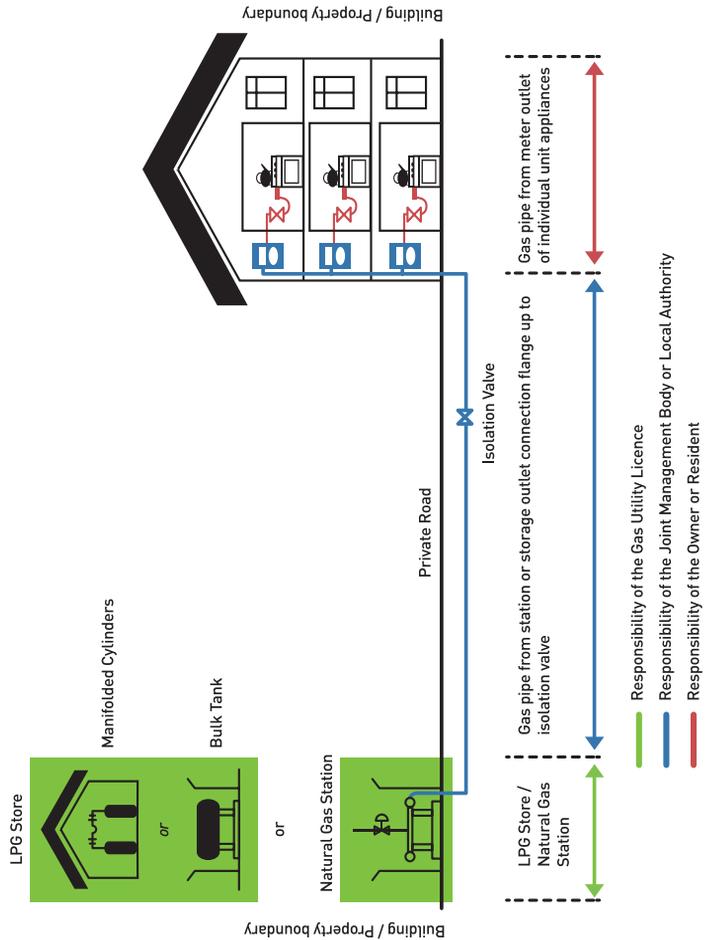
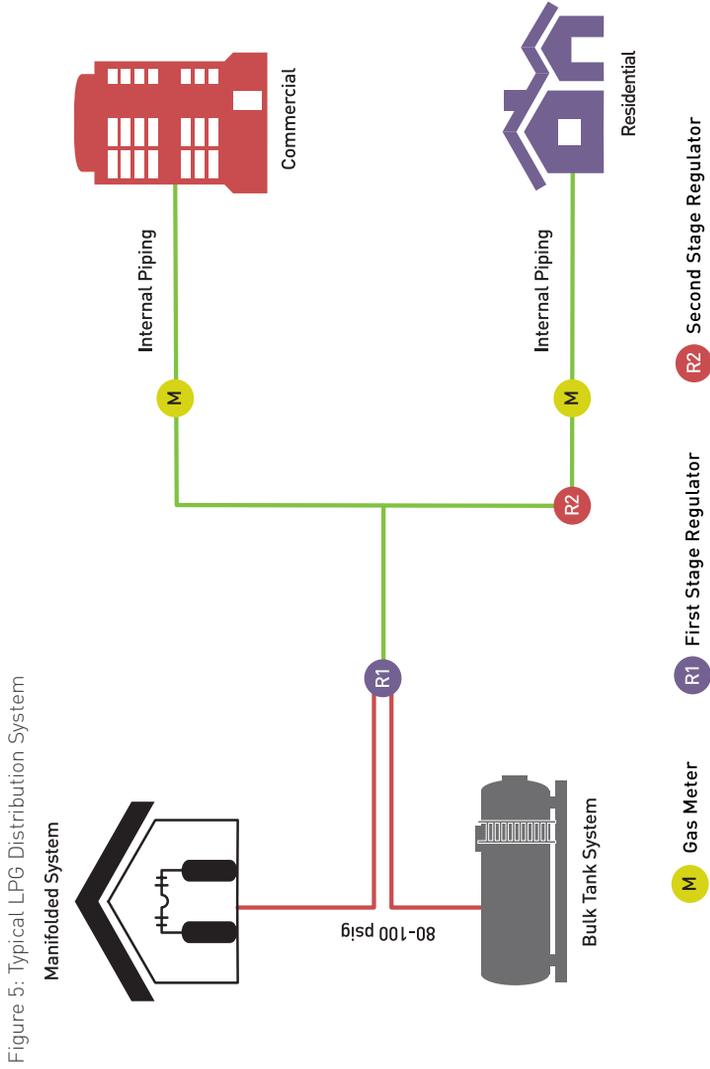
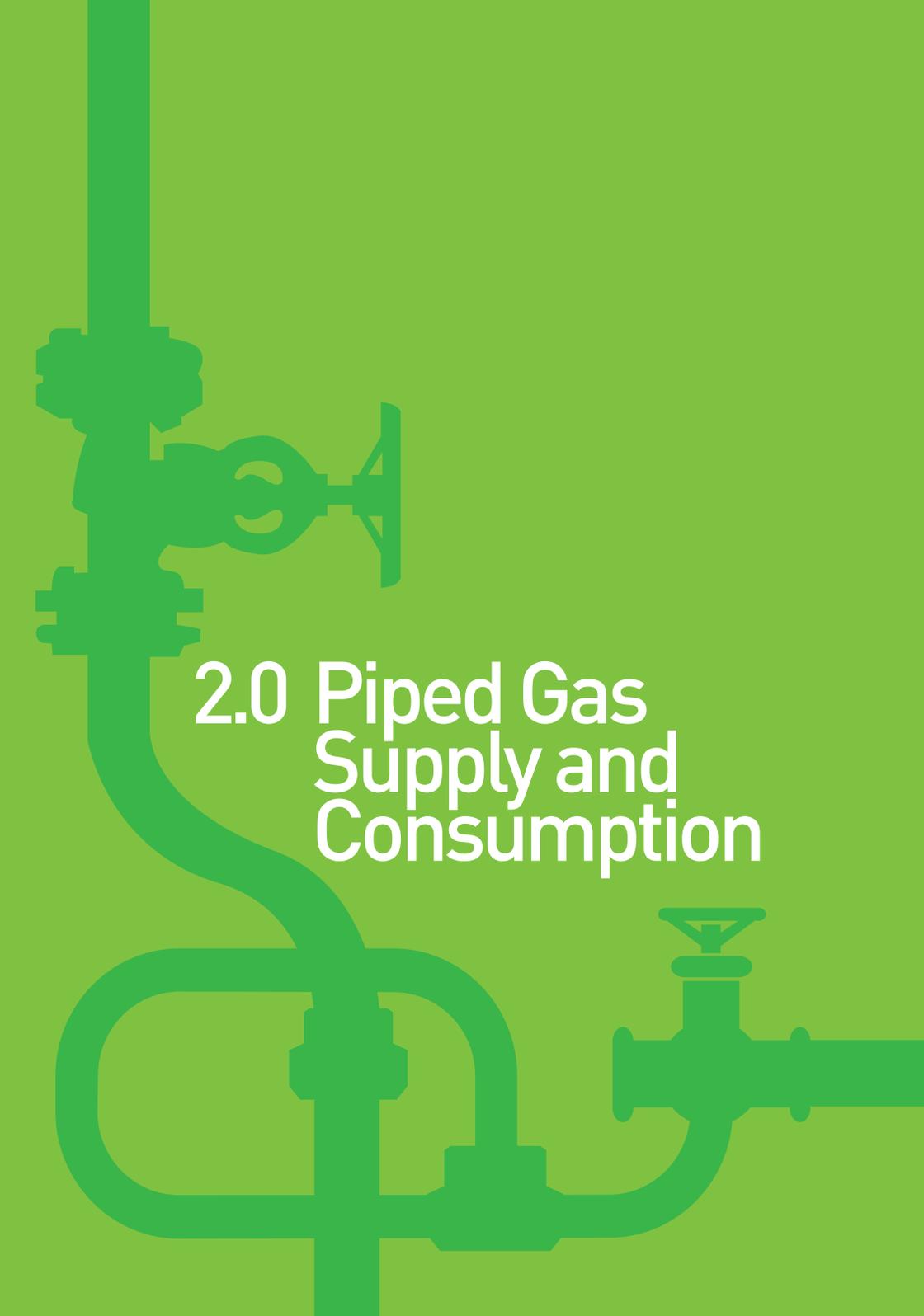


Figure 4: Natural Gas Piping System for Supply to Residential users





The image features a stylized, monochromatic green illustration of a gas piping system against a solid green background. The system includes a vertical pipe on the left with a valve, a horizontal pipe with a valve, and a complex network of pipes and valves at the bottom. The text '2.0 Piped Gas Supply and Consumption' is overlaid in white, sans-serif font.

## 2.0 Piped Gas Supply and Consumption

## PIPED GAS SUPPLY AND CONSUMPTION

### 2.1 OVERVIEW OF NATURAL GAS SUPPLY IN THE PENINSULA AND SABAH

Figure 6: Natural Gas Consumption in the Peninsula

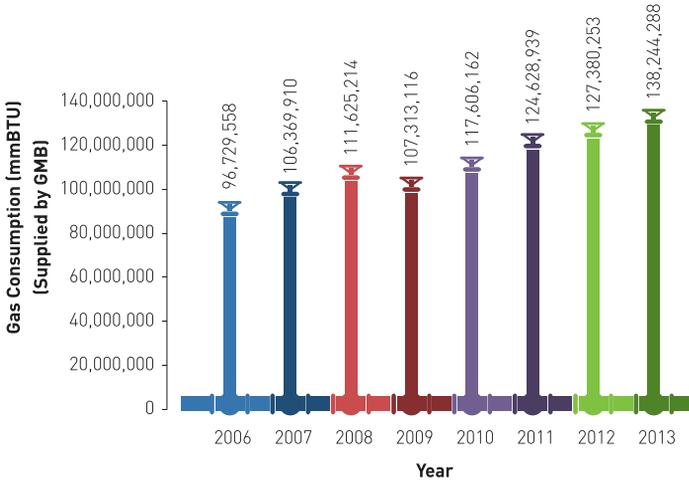


Figure 7: Average Monthly Natural Gas Consumption According to Region in the Peninsula

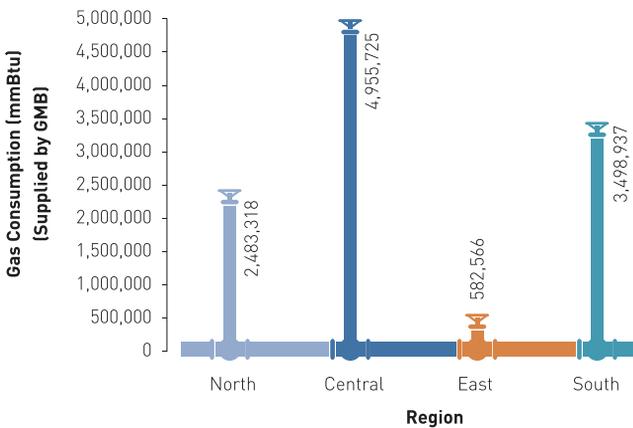


Figure 8: Natural Gas Consumption in Sabah & Labuan

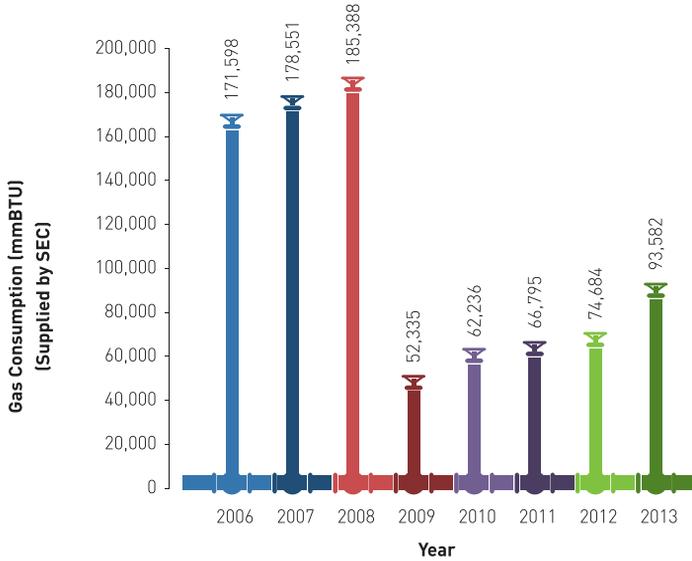


Figure 9: Natural Gas Consumption by User Category in the Peninsula

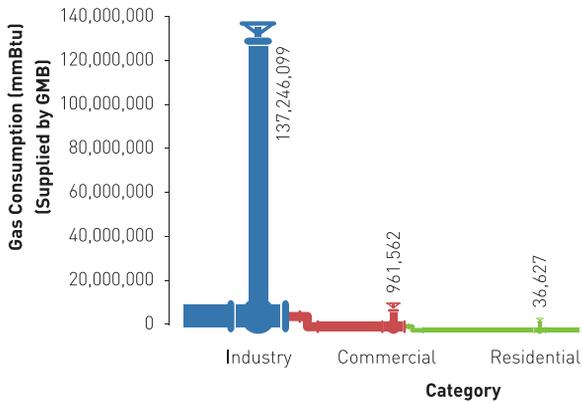


Figure 10: Natural Gas Consumption by Industry Sub-sectors in the Peninsula in 2013

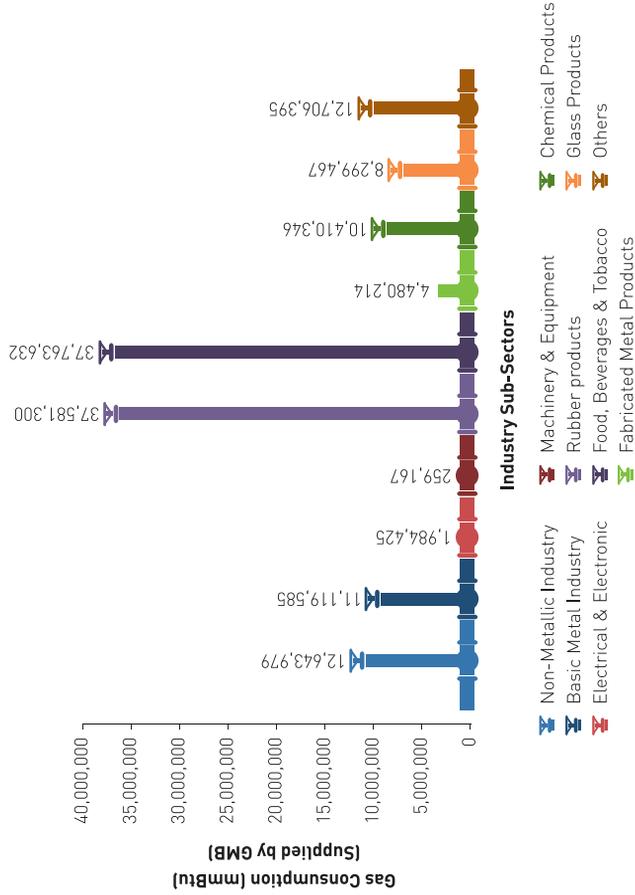


Figure 11: Number of Natural Gas Users in the Peninsula



Figure 12: Number of Natural Gas Users in Sabah & Labuan

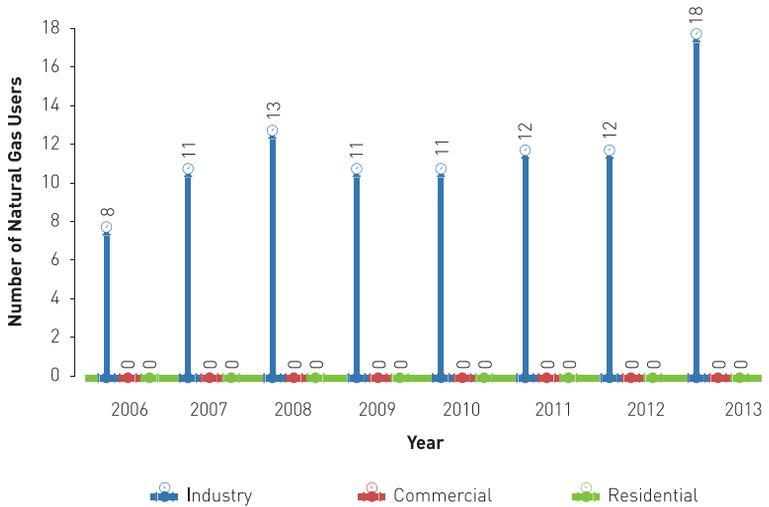


Figure 13: Length of Natural Gas Pipelines in Operation in the Peninsula

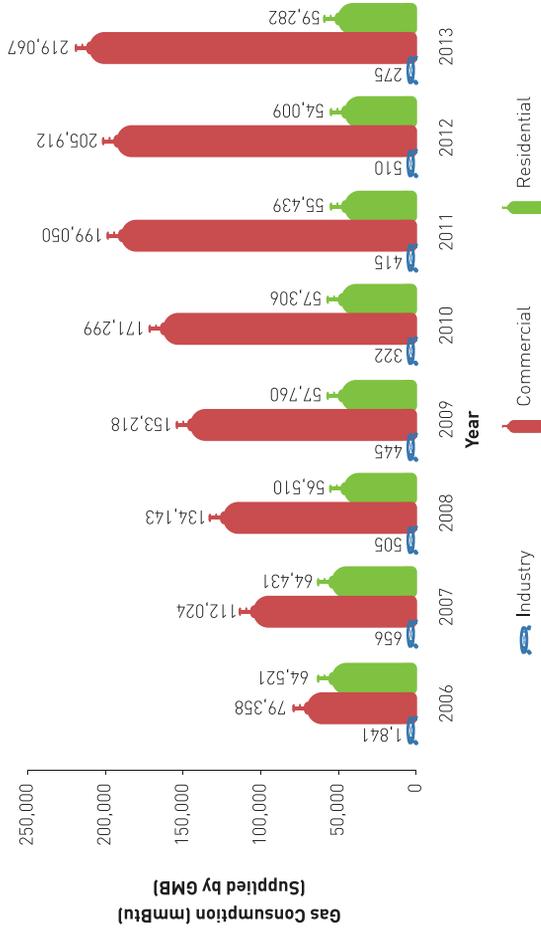


Figure 14: Length of Natural Gas Pipelines in Operation in Sabah



## 2.2 OVERVIEW OF LIQUEFIED PETROLEUM GAS (LPG) SUPPLY IN THE PENINSULA AND SABAH

Figure 15: LPG Consumption in the Peninsula



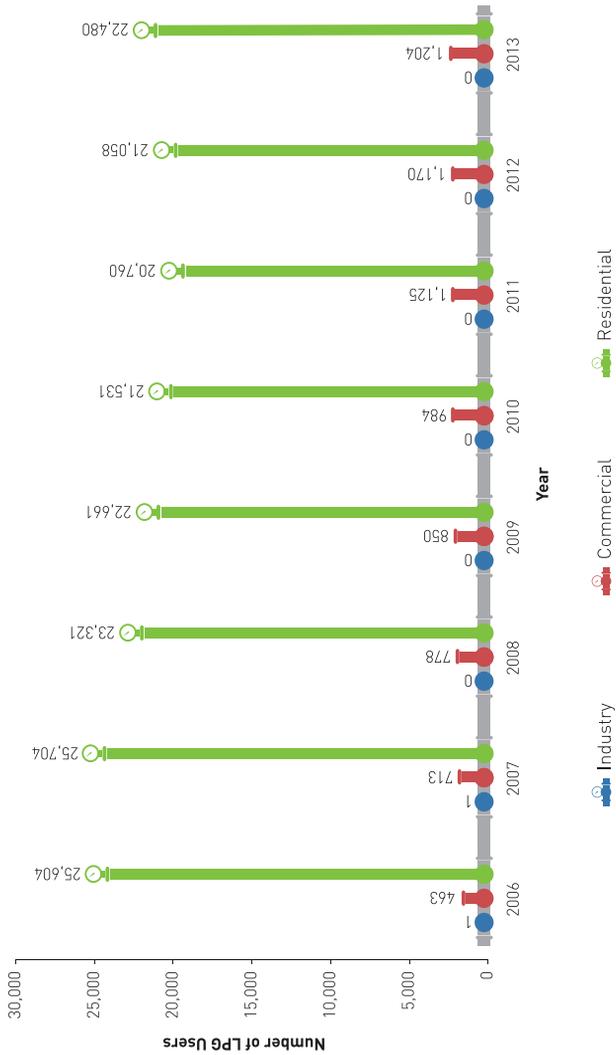


Figure 16: Number of LPG Users in the Peninsula

Figure 17: Length of Operational LPG Pipelines in the Peninsula



A stylized illustration of a factory scene. On the left, two tall, thin smokestacks rise, each emitting a plume of white smoke. To their right, a large, dark grey building with a curved roof and two square windows is visible. In the background, two more smokestacks of varying heights are present. The sky is a clear, bright blue, dotted with several fluffy white clouds. The overall style is clean and modern, using a limited color palette of blue, white, and dark grey.

## 3.0 Reliability and Supply Service Quality

## RELIABILITY AND SUPPLY SERVICE QUALITY

### 3.1 GAS MALAYSIA BERHAD (GMB) PERFORMANCE INDICATORS

Figure 18: GMB'S SAIDI from 2010 to 2013

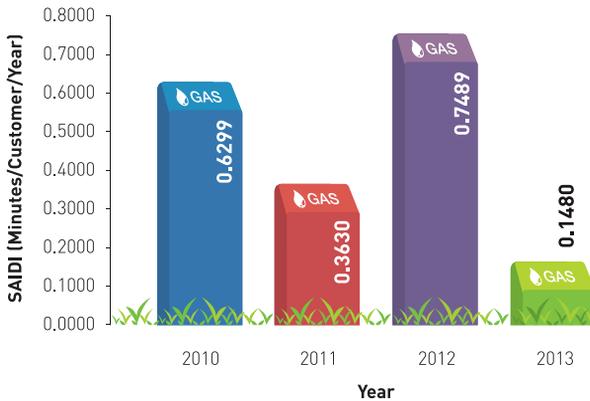
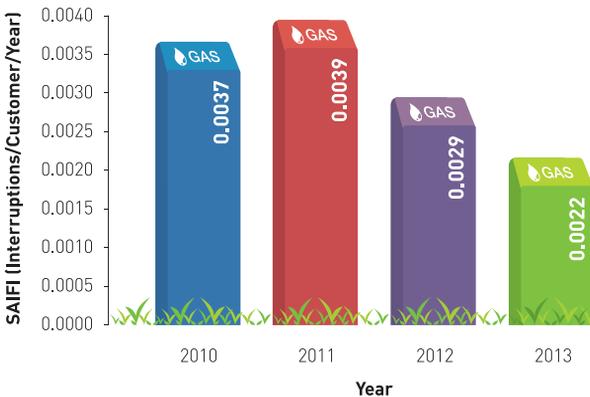


Figure 19: GMB'S SAIFI from 2010 to 2013



\*Note  
 For figure 18 & figure 19, lower is better

Figure 20: GMB'S CAIDI from 2010 to 2013

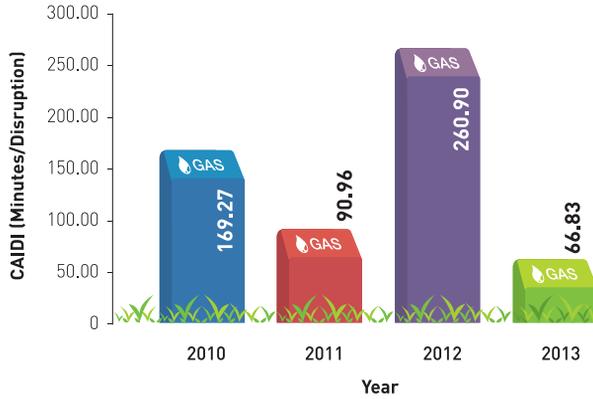
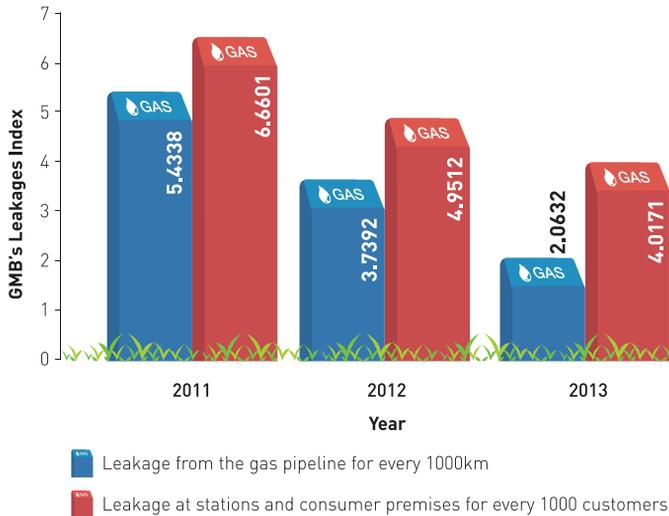


Figure 21: GMB's Pipeline Leakages Index from 2011 to 2013



\*Note  
For figure 20 & figure 21, lower is better

### 3.2 COMPLAINTS AND INQUIRIES RECEIVED BY GMB

Figure 22: Number of Service Disruptions in 2013

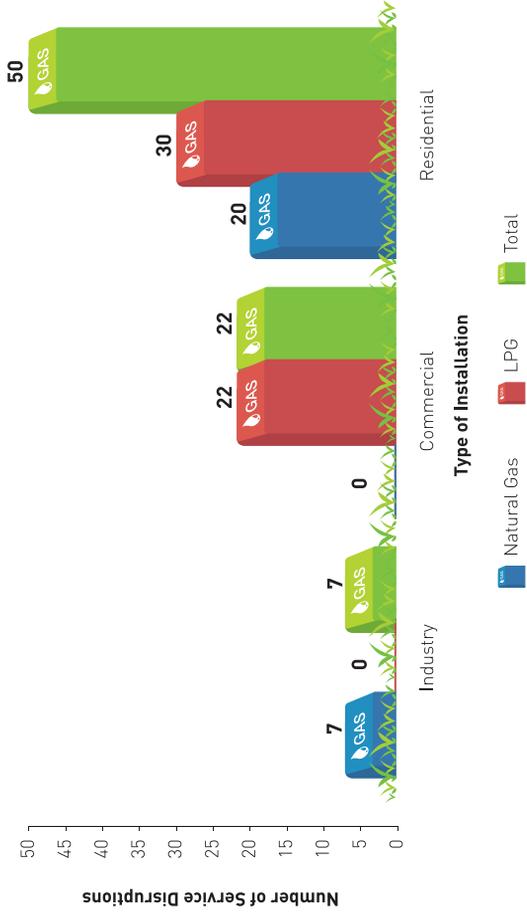
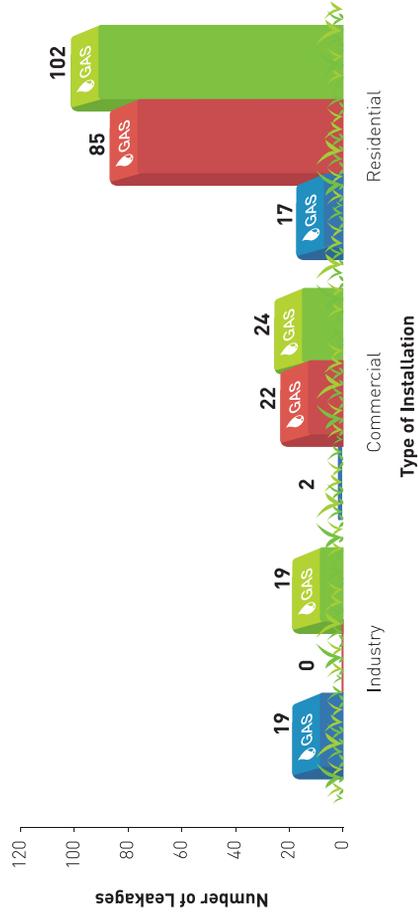


Figure 23: Number of Gas Leakages in 2013



### 3.3 GAS MALAYSIA BERHAD (GMB) CLIENT'S CHARTER PERFORMANCE

Table 8: Complaints

Item	Client's Charter	Complaint Received	Complied to Client's Charter	Percentage of Compliance (%)
Written Complaint	5 working days after the complaint is received	19	19	100
Complaint & Inquiry via the Telephone	24 hours after the call is made	34,497	34,497	100

Table 9: Bill Payment

Item	Client's Charter	Complaint Received	Complied to Client's Charter	Percentage of Compliance (%)
Bill Accuracy	5 working days	127	127	100

Table 10: Refund

a) Deposit

Refund Type	Customer	Client's Charter	No. of Service Termination	Complied to Client's Charter	Percentage of Compliance (%)
Deposit	Industry	Returned within 1 month after service termination	8	1	12.5
	Commercial	Returned within 1 month after service termination	187	187	100
	Residential	Returned within 2 month after service termination	1,337	1,337	100

b) Bank Guarantee

Refund Type	Client's Charter	No. of Bank Guarantee	Complied to Client's Charter	Percentage of Compliance (%)
Bank Guarantee	To be released within 1 month after service termination	4	0	0

Table 11: Emergency Response

Item	Client's Charter	No. of Call Received	Complied to Client's Charter	Percentage of Compliance (%)
Emergency Response	To send an emergency response team within 90 minutes after a call is received	755	755	100

Table 12: Third Party Supervision

Item	Client's Charter	No. of Permits Issued	Complied to Client's Charter	Percentage of Compliance (%)
Third Party Supervision	Written notice at least 3 days before commencement of work	8,532	8,532	100

Table 13: Identification of Gas Pipeline Location

Item	Client's Charter	No. of Requests for Pipeline Location Information	Complied to Client's Charter	Percentage of Compliance (%)
Identification of Gas Pipeline Location	4 days after application is received	604	604	100

Table 14: Planned Disruptions

Item	Client's Charter	No. of Planned Disruptions	Complied to Client's Charter	Percentage of Compliance (%)
Planned Disruptions	Customer will be notified at least 48 hours before disruption begins	0	0	-

Table 15: Replacement of Gas Meter

Item	Client's Charter	No. of Requests for Pipeline Location Information	Complied to Client's Charter	Percentage of Compliance (%)
Replacement of Gas Meters	Gas meter will be replaced three (3) days after completion of the investigation	45 units	45 units	100

# 4.0 Natural Gas Tariff and Liquefied Petroleum Gas Prices



## NATURAL GAS TARIFF AND LPG PRICES

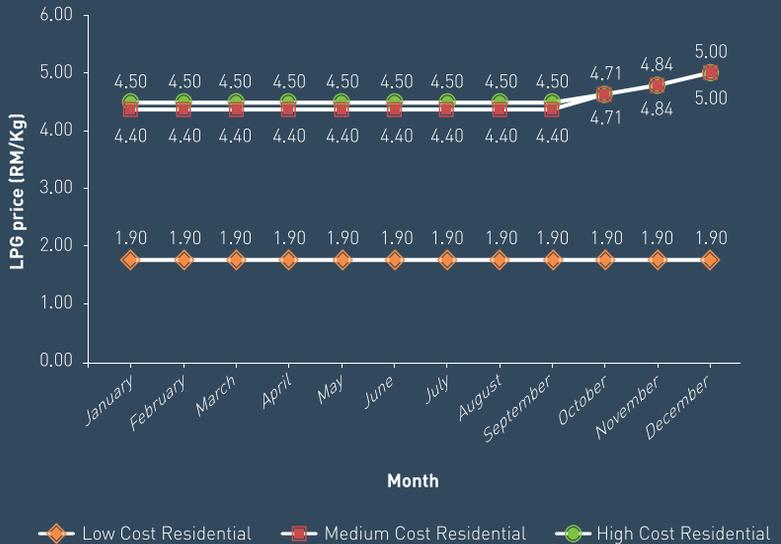
### 4.1 NATURAL GAS TARIFF IN THE PENINSULA

Table 16: Natural Gas Tariff in the Peninsula for the Year 2013

Tariff Category	Total Gas Consumption (mmBtu/Year)	Tariff (RM/mmBtu)
A	0	19.52
B	0-600	20.61
C	601-5000	13.98
D	5001-50,000	14.61
E	50,001-200,000	16.07
F	200,001-750,000	16.07
L	>750,001	16.45

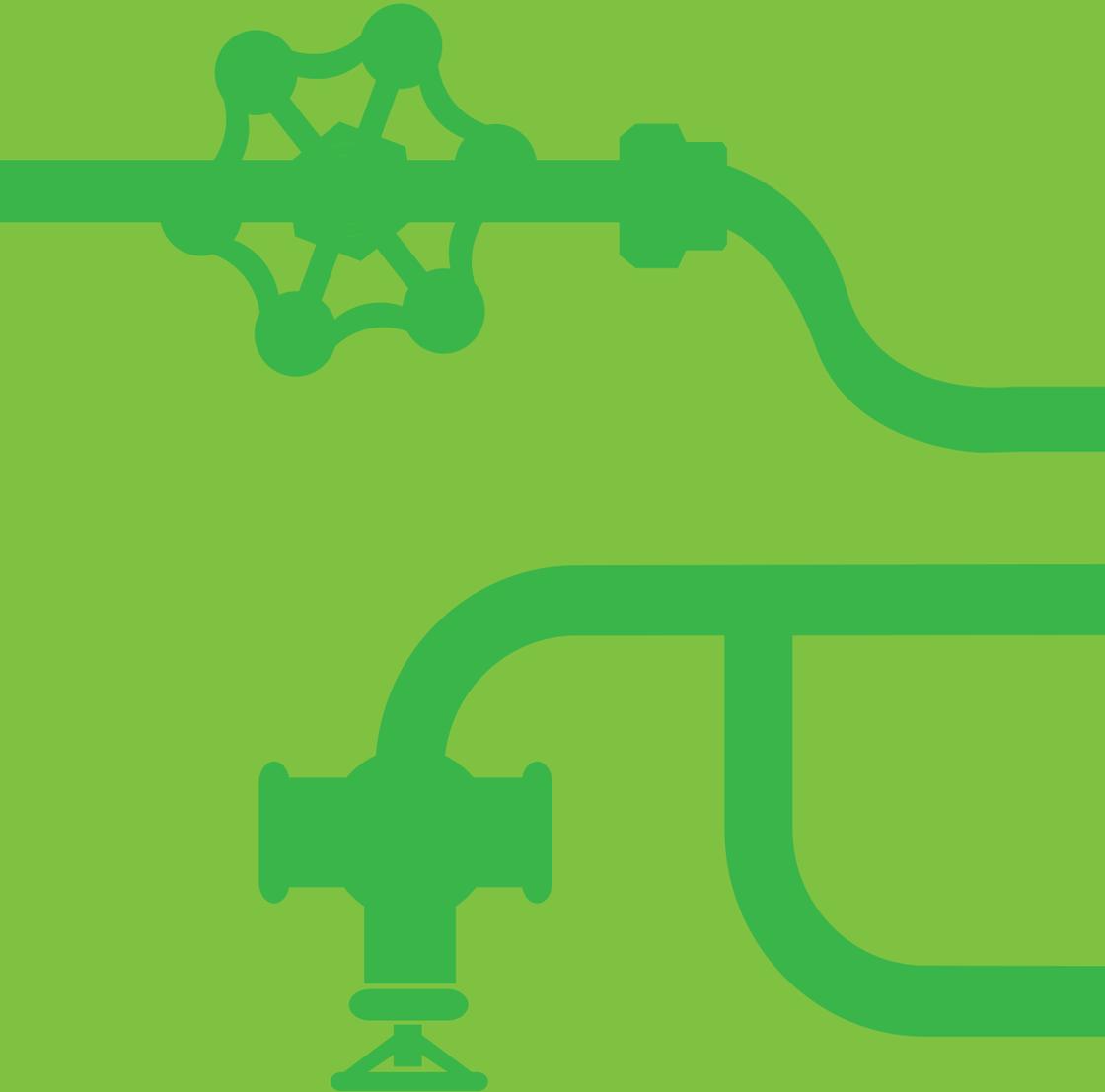
## 4.2 LIQUEFIED PETROLEUM GAS PRICES IN THE PENINSULA

Figure 24: LPG Prices in the Peninsula for the year 2013



## 4.3 NATURAL GAS PRICES IN SABAH AND LABUAN

Prices of natural gas supplied in Sabah and Labuan are based on the Gas Sales and Purchase Agreement signed by the licensee (SEC) and the users according to Section 18 of the Gas Supply Act 1993.



The background is a solid green color. It features a stylized industrial piping system in a darker shade of green. The pipes are interconnected, with a central valve-like structure. Two molecular models, consisting of spheres connected by lines, are positioned at the top and bottom right of the frame. The text '5.0 Gas Licensees' is centered in white.

## 5.0 Gas Licensees

## GAS LICENSEES

### 5.1 GAS UTILITY LICENCE (GUL)

Table 17: List of Licensees

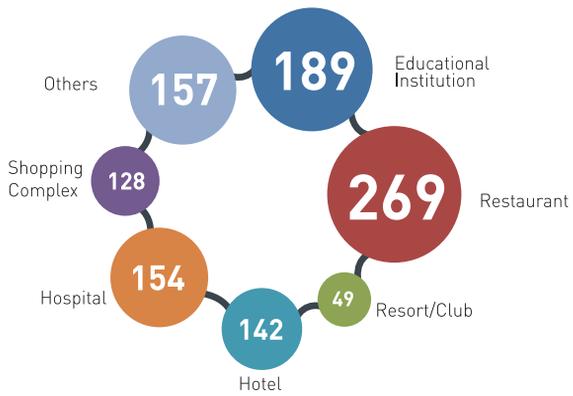
Type of Gas	Licensee	Effective Date	Validity
Natural Gas	GMB	1 September 1998	30 Years
LPG	GMB	15 December 2000	20 Years
Natural Gas	SEC	1 September 1998	30 Years

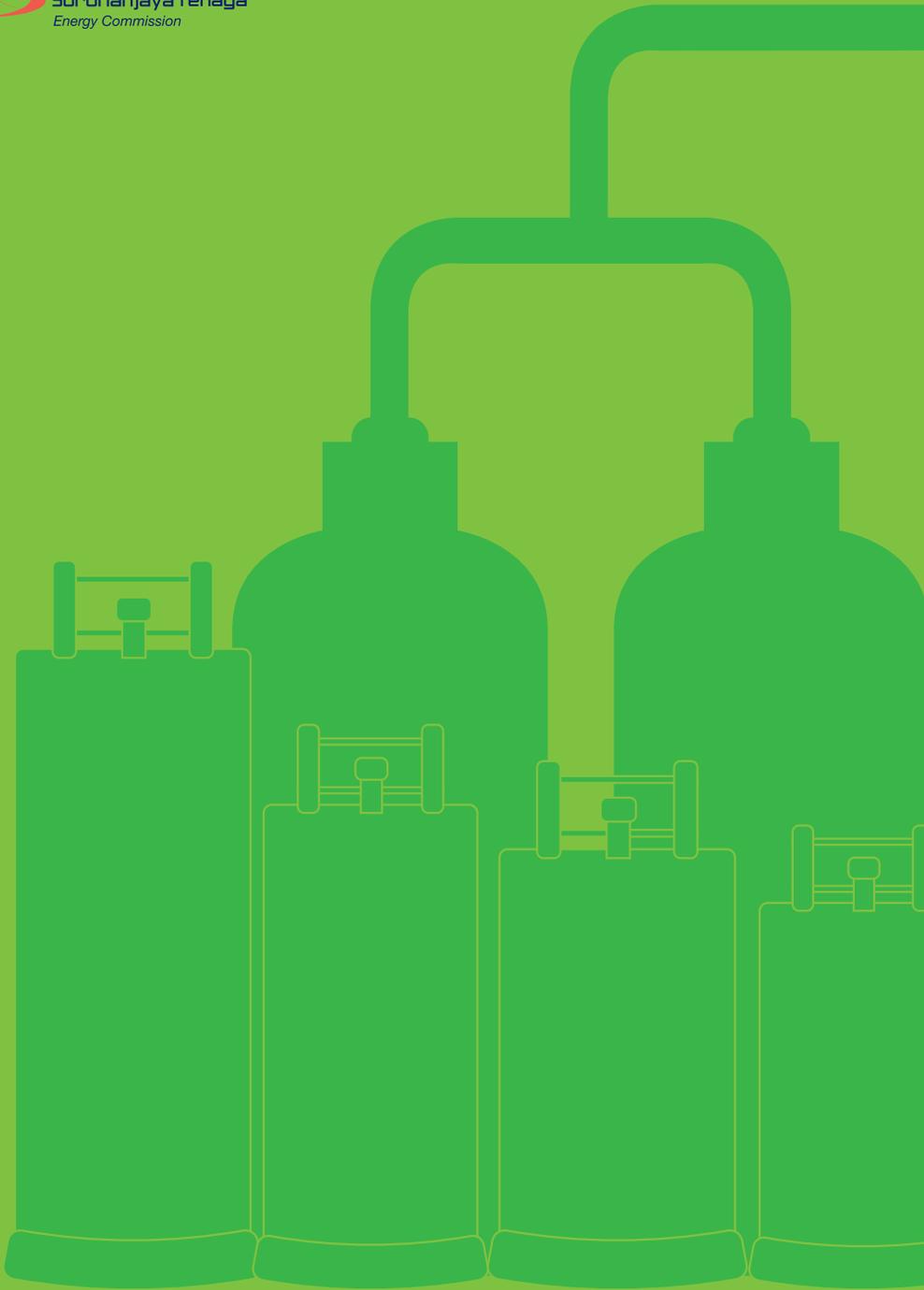
### 5.2 PRIVATE GAS LICENCE (PGL)

Figure 25: Number of Private Gas Licensees from 2008-2013



Figure 26: Number of Private Gas Licensees by User Category in 2013





# 6.0 Gas Reticulation System



## GAS RETICULATION SYSTEM

### 6.1 APPROVAL TO INSTALL (ATI) AND APPROVAL TO OPERATE (ATO)

Figure 27: Approval to Install (ATI) Issued from 2008 - 2013



Figure 28: Approval to Install (ATI) Issued based on Sectors in 2013



Figure 29: Approval to Install (ATI) Issued based on Installation Classes in 2013

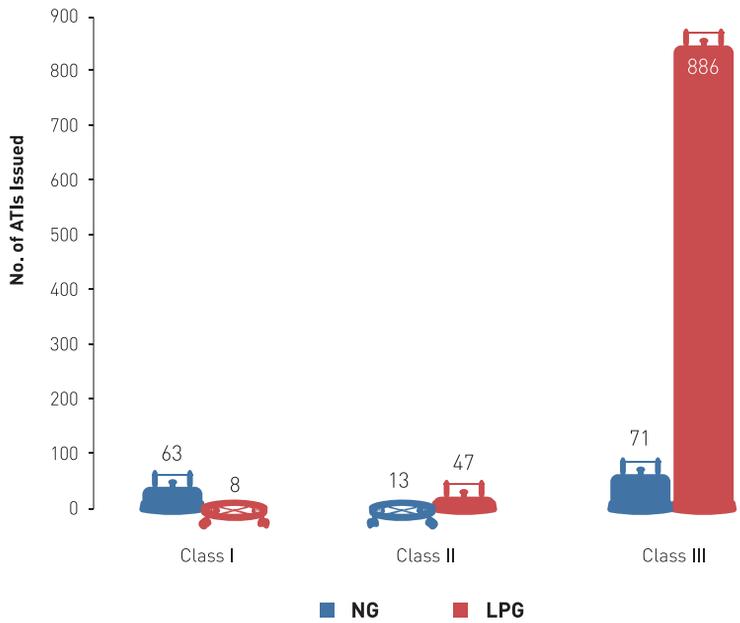


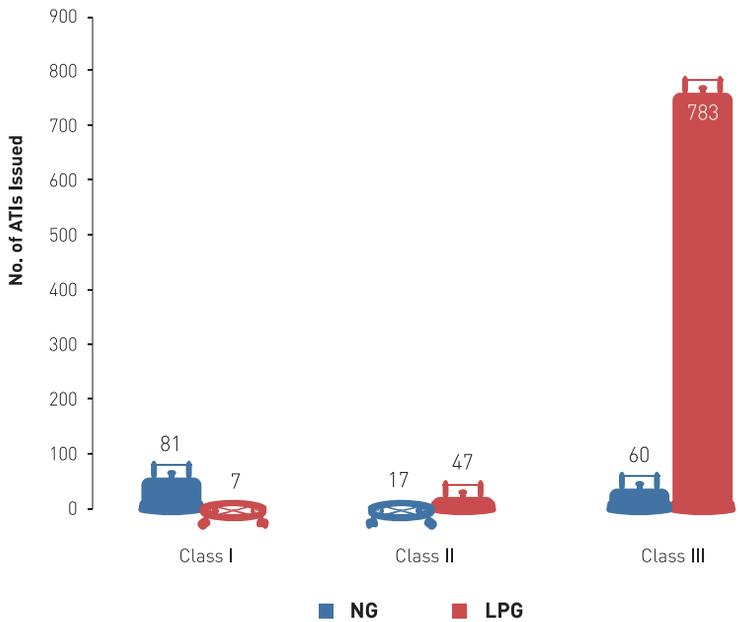
Figure 30: Approval to Operate (ATO) Issued from 2008 - 2013



Figure 31: Approval to Operate (ATO) Issued based on Sectors in 2013



Figure 32: Approval to Operate (ATO) Issued in 2013



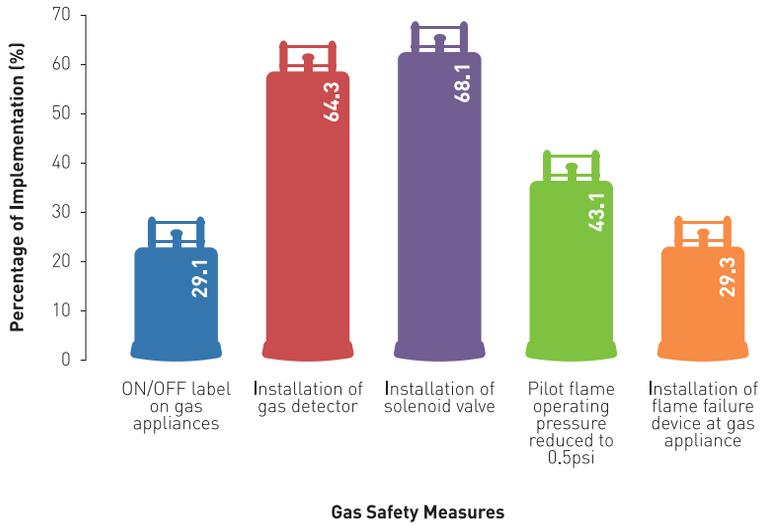
## 6.2 INSPECTION AND TESTING OF GAS INSTALLATIONS

Table 18: Inspection, Testing and Enforcement Activities

Type of Activity	1998-2006	2007	2008	2009	2010	2011	2012	2013
Inspection & Test	1,306	11	30	4	240	239	268	206
Gas Taskforce at Shopping Mall	-	-	-	-	-	-	15 Malls	361 Outlets
Notice to Repair or Discontinue operation of Gas Piping System	365	1	0	293	302	266	270	300

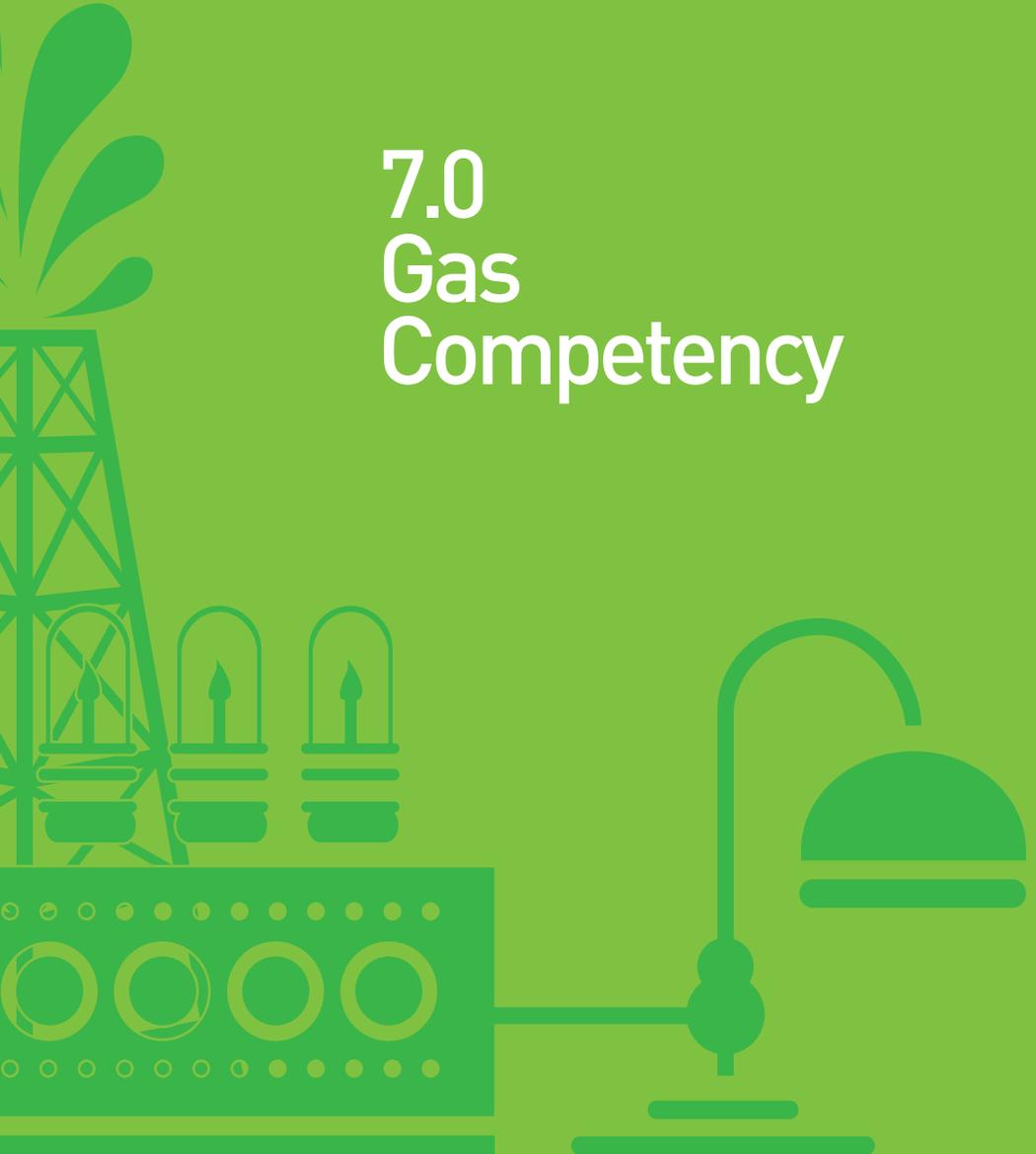
Shown above are statistics on the implementation of gas safety measures by the Food and Beverages (F&B) outlets operating in retail complexes inspected by the Commission's gas task force.

Figure 33: Statistics on the Implementation of Gas Safety Measures in 2013





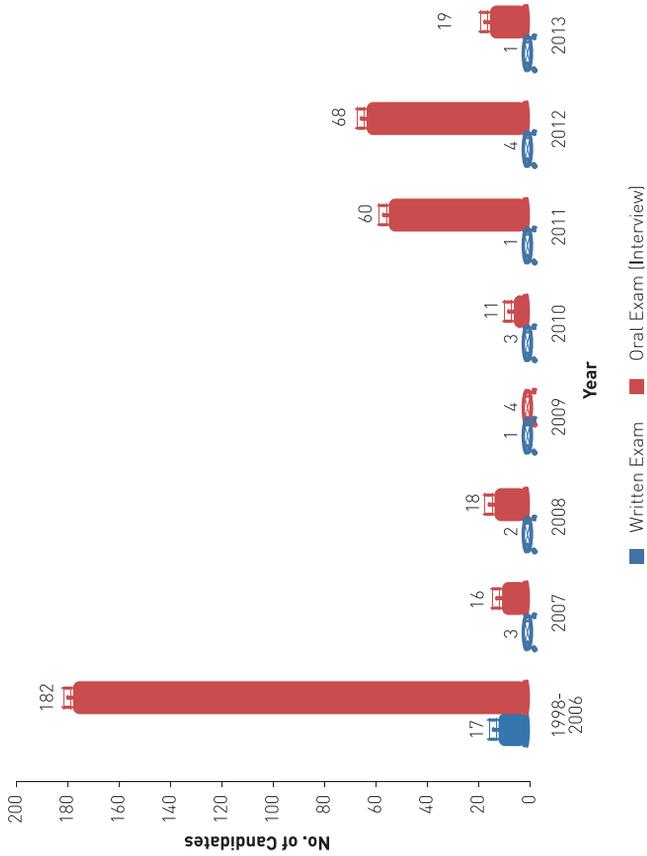
# 7.0 Gas Competency



## GAS COMPETENCY

### 7.1 GAS COMPETENCY EXAMINATIONS

Table 34: Number of Gas Competency Examination and Interview Sessions from 1998-2013



7.2 ACCREDITATION OF GAS COMPETENCY COURSES

Table 19: Accredited Gas Competency Institutions and Courses in 2013

Name & Address of Institution	Contact Information	Course Offered	Study Mode
<p><b>INSTITUT KEMAHIRAN MARA (IKM)</b>                      Jalan Teroka Off Jalan Datin Halimah,                      Karung Berkunci 848,                      80990 Johor Bharu, Johor</p>	<p>Tel : 07-2370001/07-2361129                      Fax : 07-2364289                      Web : www.ikm.edu.my/jb</p>	<p>Gas Fitter Class I</p>	<p>Full Time</p>
<p><b>UTM-MPRC INSTITUTE for OIL &amp; GAS</b>                      Block N29A, Lengkuk Suria,                      Faculty of Petroleum &amp; Renewable Engineering,                      Universiti Teknologi Malaysia,                      81310 Johor Bahru, Johor</p>	<p>Tel : 07-5535653                      Fax : 07-5545667                      Web : www.gasteg.com</p>	<p>i. Gas Engineer / Supervisor                      ii. Gas Fitter Class I                      iii. Gas Fitter Class II                      iv. Gas Fitter Class III</p>	<p>Part Time</p>
<p><b>KOLEJ ANTARABANGSA                      TEKNOLOGI &amp; PROFESIONAL                      (KATPM) PERLIS</b>                      Peti Surat 40,Km 5, Jalan Padang Besar,                      01000 Kangar, Perlis</p>	<p>Tel : 04-9779177                      Fax : 04-9771200                      Website : www.katp.edu.my</p>	<p>Gas Fitter Class III</p>	<p>Full Time</p>

### 7.3 GAS COMPETENT PERSON CERTIFICATIONS

Figure 35: Number of Gas Competent Person Certifications issued from 1998-2013

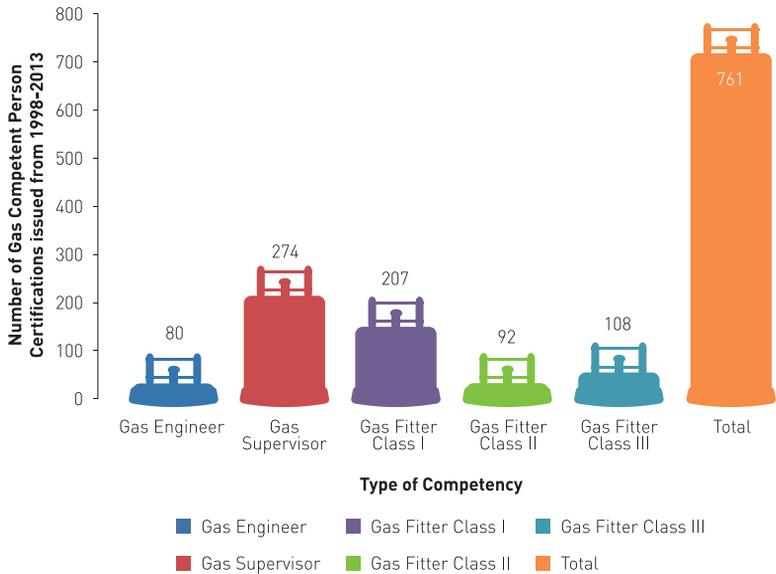
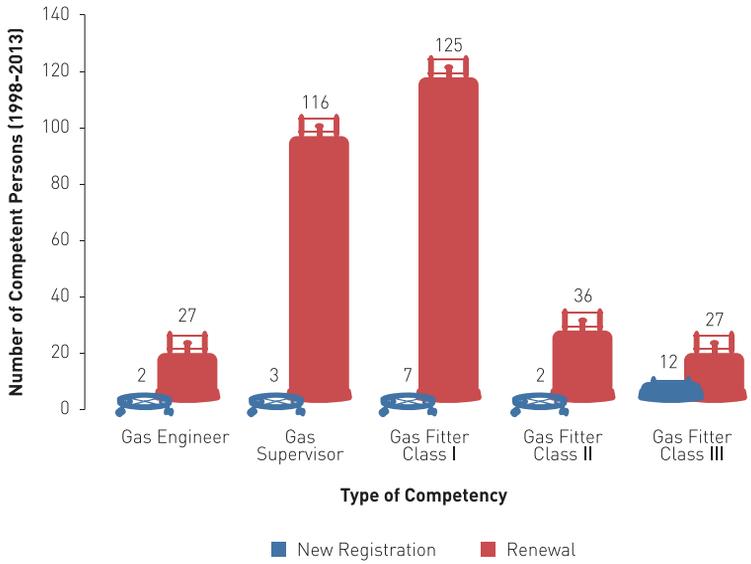
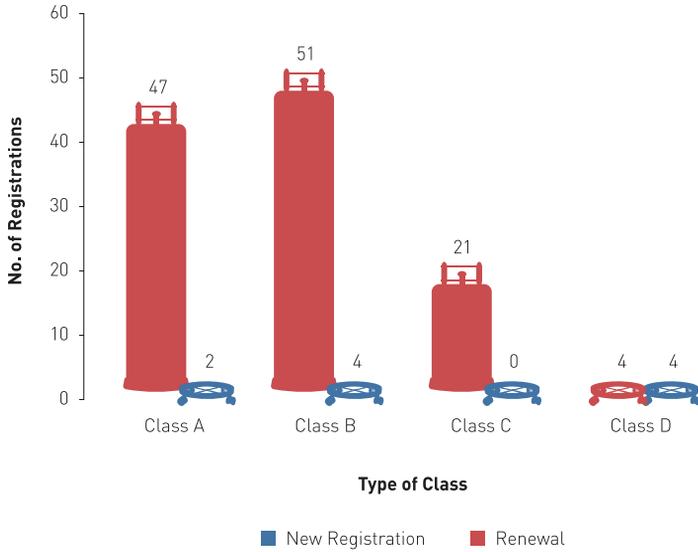


Figure 36: Gas Competent Person Registrations in 2013



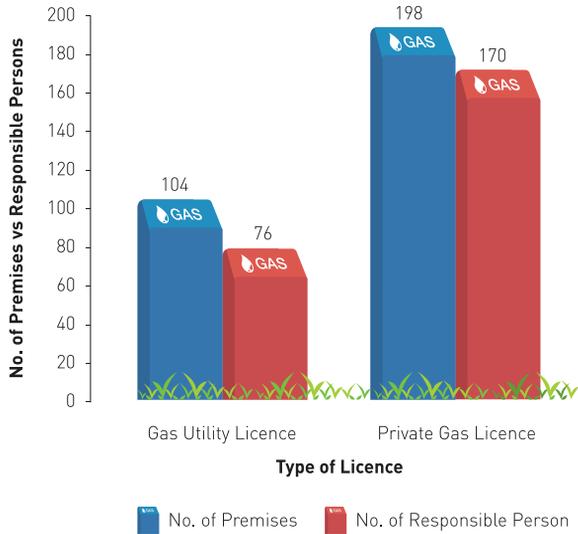
## 7.4 GAS CONTRACTOR REGISTRATIONS

Figure 37: Gas Contractor Registrations in 2013



## 7.5 GAS RESPONSIBLE PERSONS FOR COMMERCIAL PREMISES

Figure 38: Registered Responsible Persons at Commercial Premises in 2013







# 8.0 Gas Fittings, Gas Appliances and Gas Equipment Approvals

## GAS FITTINGS, GAS APPLIANCES AND GAS EQUIPMENT APPROVALS

Figure 39: Approvals to Manufacture or Import Gas Fittings, Gas Appliances and Gas Equipment from 1998-2013

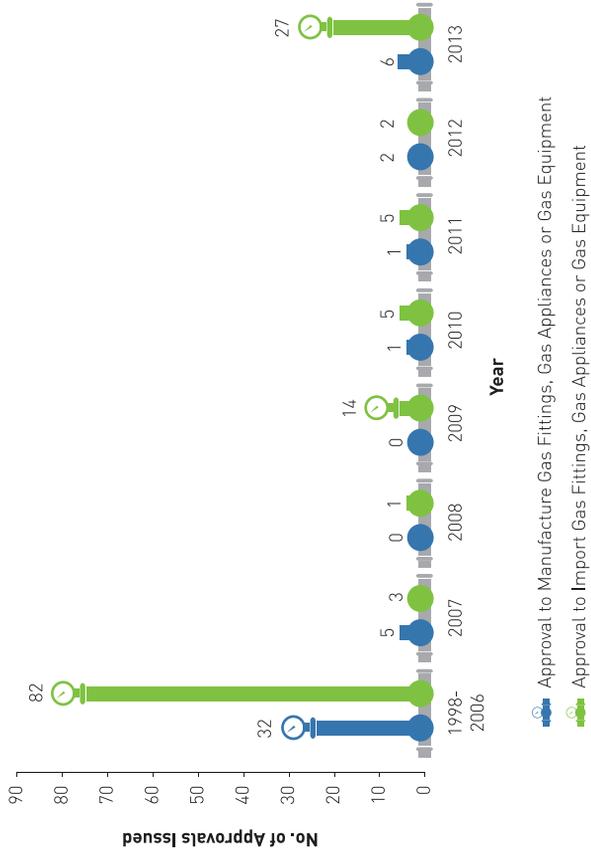
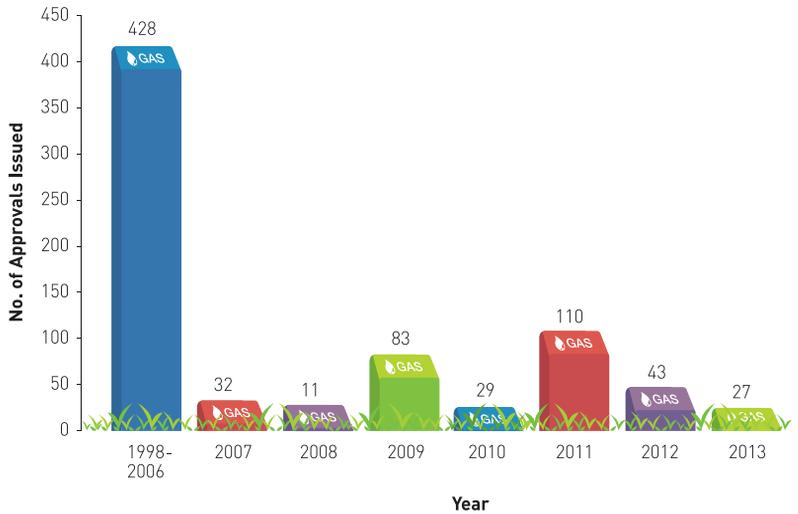
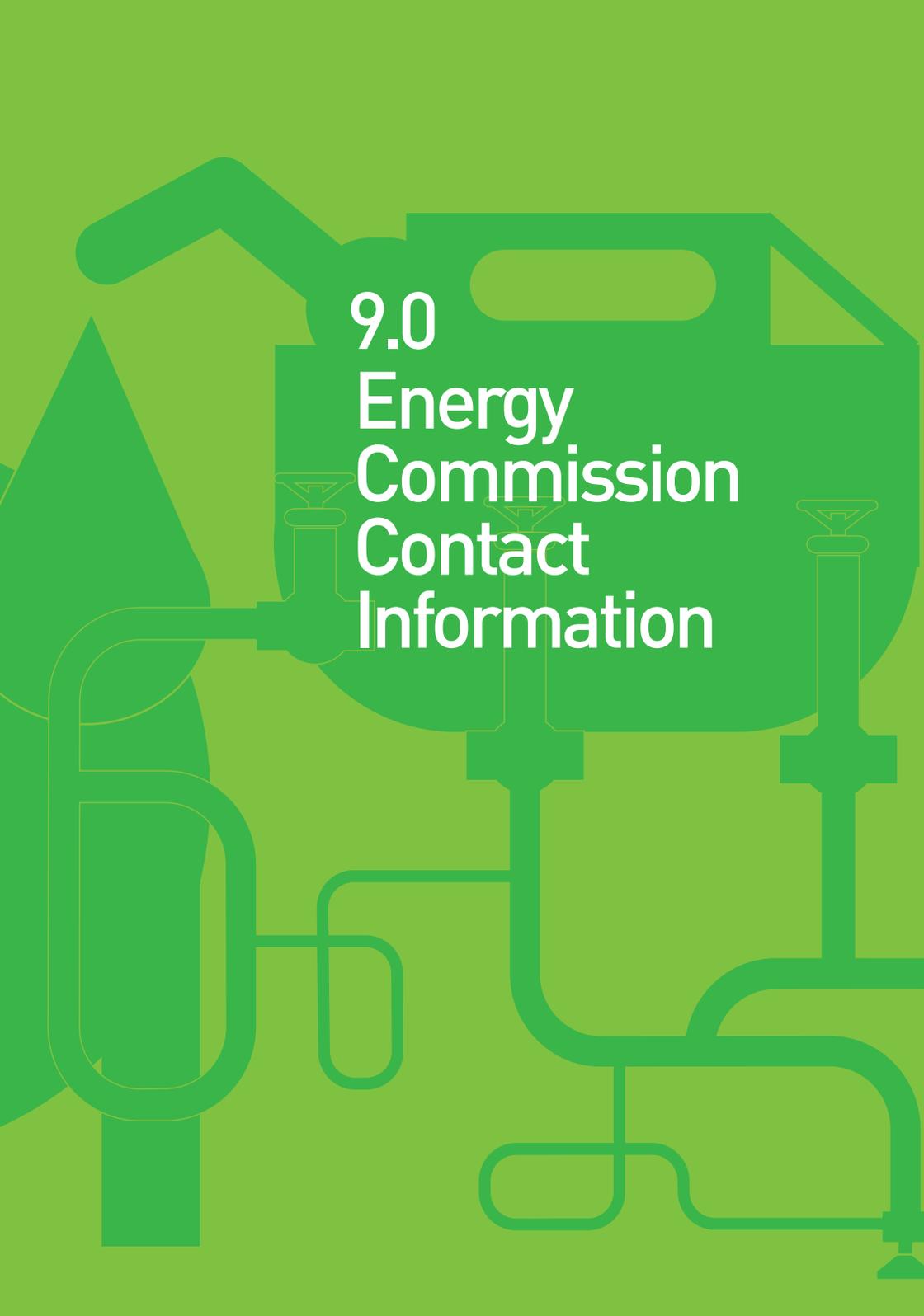


Figure 40: Approvals Issued for Gas Fittings, Gas Appliances and Gas Equipment from 1998-2013





The background is a solid green color with a stylized, light green line-art illustration of industrial machinery. It features a large central tank or vessel with a handle on top, connected to various pipes, valves, and gauges. The lines are thick and rounded, creating a clean, modern aesthetic.

# 9.0 Energy Commission Contact Information

## ENERGY COMMISSION CONTACT INFORMATION

### 9.1 HEADQUARTERS

**SURUHANJAYA TENAGA**  
No. 12, Jalan Tun Hussein  
Presint 2, 62100, Putrajaya.

 GPS Coordinate : 2.919175, 101.688459

 1-800-2222-78 (ST)

 (603) 8870 8500

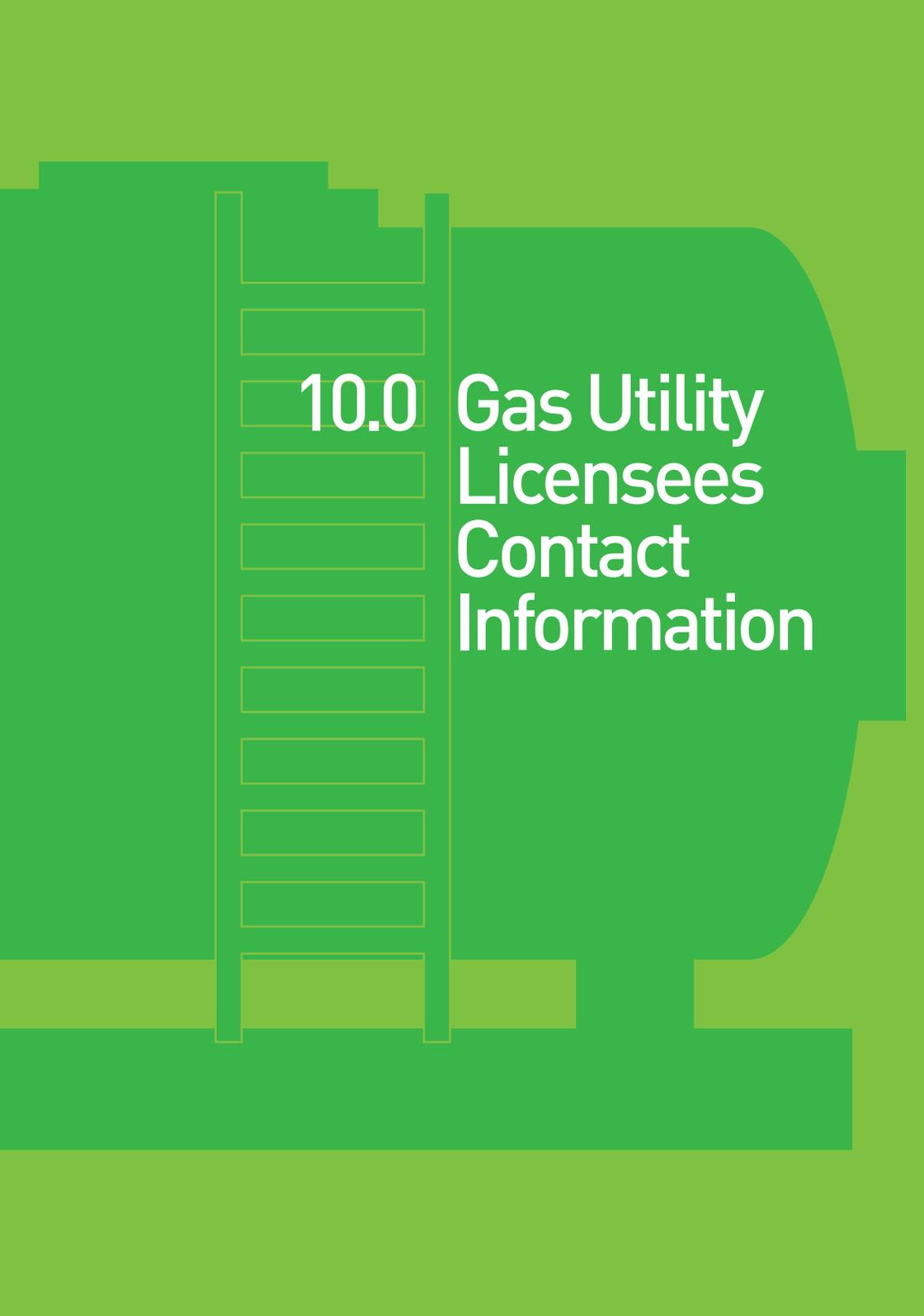
 (603) 8888 8637

 [www.st.gov.my](http://www.st.gov.my)

## 9.2 REGIONAL OFFICES

Address	Phone No. & Fax
<p><b>PULAU PINANG, KEDAH &amp; PERLIS</b>                      Tingkat 10, Bangunan KWSP                      13700 Seberang Jaya, Butterworth, Pulau Pinang</p>	<p>Tel : 04 - 398 8255                      Fax : 04 - 390 0255</p>
<p><b>PERAK</b>                      Tingkat 1, Bangunan KWSP, Jalan Greentown                      30450 Ipoh, Perak</p>	<p>Tel : 05 - 253 5413                      Fax : 05 - 255 3525</p>
<p><b>KELANTAN &amp; TERENGGANU</b>                      Tingkat 6, Bangunan KWSP, Jalan Padang Garong                      15000 Kota Bharu, Kelantan</p>	<p>Tel : 09 - 748 7390                      Fax : 09 - 744 5498</p>
<p><b>PAHANG</b>                      Tingkat 7, Kompleks Teruntum, Jalan Mahkota                      25000 Kuantan, Pahang</p>	<p>Tel : 09 - 514 2803                      Fax : 09 - 514 2804</p>
<p><b>SELANGOR, KUALA LUMPUR &amp; PUTRAJAYA</b>                      Tingkat 10, Menara PKNS                      No. 17, Jalan Yong Shook Lin                      46050 Petaling Jaya, SELANGOR</p>	<p>Tel : 03 - 7955 8930                      Fax : 03 - 7955 8939</p>
<p><b>JOHOR</b>                      Suite 18A, Aras 18, Menara ANSAR 65                      Jalan Trus, 80000 Johor Bharu, Johor</p>	<p>Tel : 07 - 224 8861                      Fax : 07 - 224 9410</p>
<p><b>PANTAI BARAT NEGERI SABAH</b>                      Tingkat 7, Bangunan BSN                      Jalan Kemajuan, 88000 Kota Kinabalu, Sabah</p>	<p>Tel: 088 - 232 447                      Fax: 088 - 232 444</p>
<p><b>PANTAI TIMUR NEGERI SABAH</b>                      Tingkat 3, Wisma Sabah KM12                      W.D.T. No. 25, 90500 Sandakan, Sabah</p>	<p>Tel : 089 - 666 695                      Fax : 089 - 660 279</p>
<p><b>NEGERI SEMBILAN &amp; MELAKA</b>                      Tingkat 4, Wisma Perkeso,                      Jalan Persekutuan, MITC, 75450 Ayer Keroh, Melaka</p>	<p>Tel : 06 - 231 9594                      Fax : 06 - 231 9620</p>





# 10.0 Gas Utility Licensees Contact Information

## GAS UTILITY LICENSEES CONTACT INFORMATION

### 10.1 GAS MALAYSIA BERHAD

#### HEADQUARTERS

**ADDRESS:**

No. 5, Jalan Serendah 26/17,  
Seksyen 26, Peti Surat 7901,  
40732 Shah Alam, Selangor  
Tel : 03 5192 3000  
Fax : 03 5192 6766  
Website: [www.gasmalaysia.com](http://www.gasmalaysia.com)

**OPERATIONS CONTROL CENTRE**

Hotline : 1-800-88-9119  
Email : [orc@gasmalaysia.com](mailto:orc@gasmalaysia.com)

#### REGIONAL OFFICES

**SOUTH**

PL0 343, Jalan Emas Tiga, Kawasan Perindustrian Pasir Gudang,  
81700 Pasir Gudang, Johor  
Tel: 07 252 2314 Fax : 07 252 2561

**EAST**

Lot 104, Gebeng Industrial Area, 26080 Kuantan, Pahang  
Tel : 09 583 6340 Fax: 09 583 6339

**NORTH**

No. 27, Jalan Todak 4, Pusat Bandar Seberang Jaya, 13700 Seberang Jaya,  
Pulau Pinang  
Tel : 04 398 1727 / 1757 Fax : 04 398 2636

**DISTRICT OFFICES**

**BANGI, SELANGOR**

No. 30, Jalan 4/12B, 43650 Bandar Baru Bangi, Selangor  
 Tel : 03 8922 1191/ 1192 Fax : 03 8922 1190

**SHAH ALAM, SELANGOR**

No. 1, Jalan 13/15, Sekyen 13, 40000 Shah Alam, Selangor  
 Tel : 03 5511 9914 Fax: 03 5511 9912

**SERI MANJUNG, PERAK**

9 PSN PM7, Pusat Bandar Seri Manjung,  
 32040 Seri Manjung, Perak  
 Tel : 04 976 8400 Fax: 04 976 0625

**JALAN GURNEY, KUALA LUMPUR**

No. 20, Jalan Gurney, 54100 Kuala Lumpur  
 Tel: 03 9206 7800 Fax: 03 9287 4282

**WP PUTRAJAYA**

No. 1, Jalan P9 B/1, Precinct 9, 62250 Putrajaya  
 Tel : 03 8888 5264 /5224 Fax : 03 8888 3990

**KLUANG, JOHOR**

No. 9, Jalan 53B, Taman Kluang Barat, 86000 Kluang, Johor  
 Tel : 07 771 2105 Fax : 07 777 2108

**SENAWANG, NEGERI SEMBILAN**

No. 34, Jalan Bunga Raya 9, Pusat Perniagaan Senawang, Taman Tasik Jaya,  
 70400 Seremban, Negeri Sembilan  
 Tel : 06 678 1995/5348 Fax :06 678 6937

## 10.2 SABAH ENERGY CORPORATION SDN. BHD.

### HEADQUARTERS

**ADDRESS:**

1st, 2nd & 3rd Floors,  
Wisma Bandaraya, Jalan Mesjid Lama, Locked Bag No. 2,  
88990 Kota Kinabalu, Sabah  
Tel : 088 311290 / 299  
Fax : 088 311361  
Website : [www.sabahenergycorp.com](http://www.sabahenergycorp.com)

### REGIONAL OFFICE

**LABUAN UNIT**

Saguking Warehouse D8,  
P. O. Box 80244  
87012 Labuan, Wilayah Persekutuan  
Tel : 087 418 060 / 417 162  
Fax : 087 413 877





No. 12, Jalan Tun Hussein, Precinct 2, 62100 Putrajaya  
Talian Bebas Tol : 1 800 2222 78 | Tel : 03 8870 8500 | Fax : 03 8888 8637