


2014

**PIPED GAS
DISTRIBUTION
INDUSTRY STATISTICS**





2014

PIPED GAS DISTRIBUTION INDUSTRY STATISTICS

FIRST PUBLISHED (2015)

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PUBLISHED BY: SURUHANJAYA TENAGA (ENERGY COMMISSION)

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Website : www.st.gov.my

ISSN NO : 2289-5094
ST NO : ST(P)10/10/2015

PRINTED IN MALAYSIA

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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

Average composition of natural gas supplied by Gas Malaysia Berhad (GMB) to consumers in the peninsula.

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

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

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

Natural Gas Property	MT-JDA	Kerteh
Specific Gravity	0.66	0.60
Gross Calorific Value, (kcal/Sm ³)	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 ³ /m ³)	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 ³)	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 ³ /m ³)	28.81

1.3.2 Sabah & Labuan

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

Gas Composition	Mole (%) Kota Kinabalu, Sabah	Mole (%) Labuan
CH ₄	92.62	92.43
C ₂ H ₆	3.37	3.29
C ₃ H ₈	1.46	1.25
iC ₄ H ₁₀	0.29	0.25
nC ₄ H ₁₀	0.34	0.29
iC ₅ H ₁₂ +	0.14	0.11
nC ₅ H ₁₂ +	0.09	0.08
C ₆ H ₁₄ +	0.17	0.15
CO ₂	1.36	1.29
N ₂	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 ³)	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 ³ /m ³)	9.87	9.87

1.4 GAS DISTRIBUTION SYSTEM

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

Type of Gas	Region				
	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, Ijok, 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, Cheng, 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 Bharu, Gelang Patah, Tampoi, Bandar Melaka, Nusajaya	Kuantan

1.4 GAS DISTRIBUTION SYSTEM

Figure 1: Natural Gas Distribution Pipeline in the Peninsula



1.4 GAS DISTRIBUTION SYSTEM

Figure 2: Natural Gas Supply Areas in Sabah and Labuan

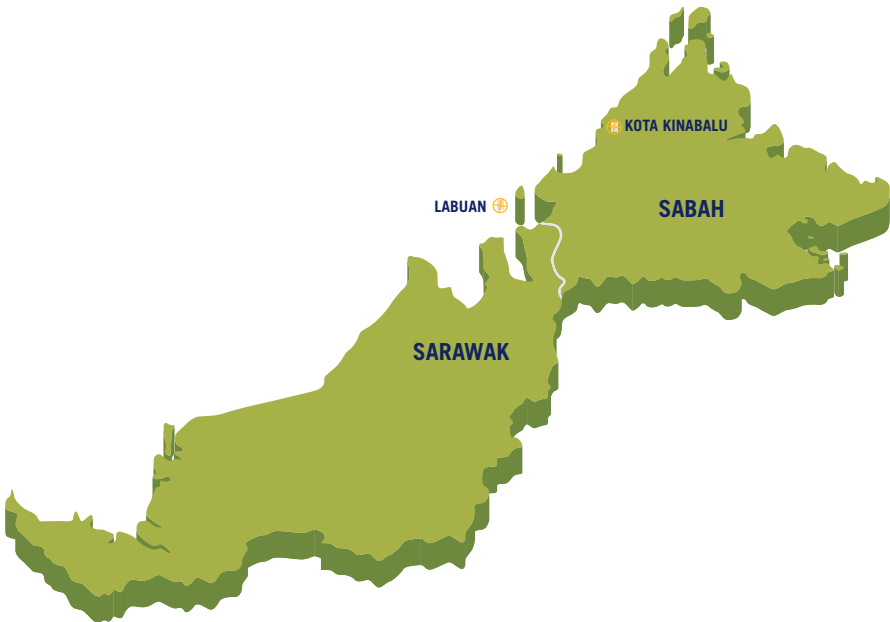


Figure 3: Typical Natural Gas Distribution System

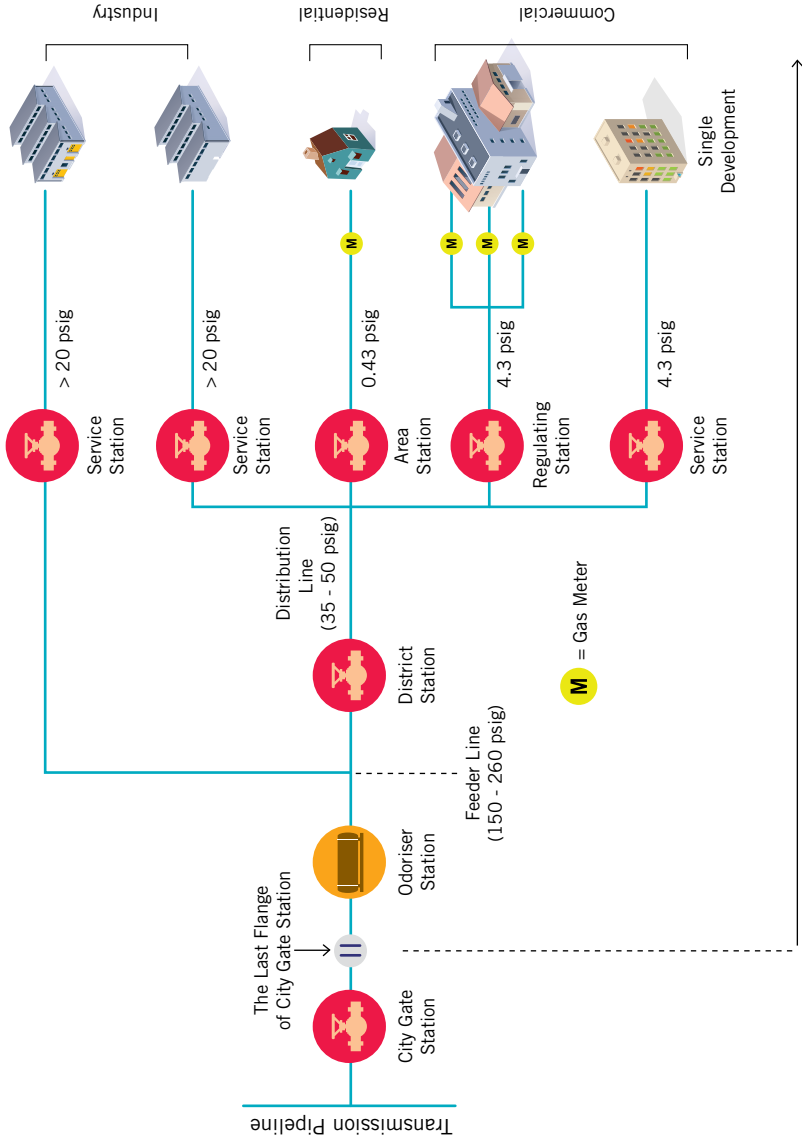


Figure 4: Typical LPG Distribution System

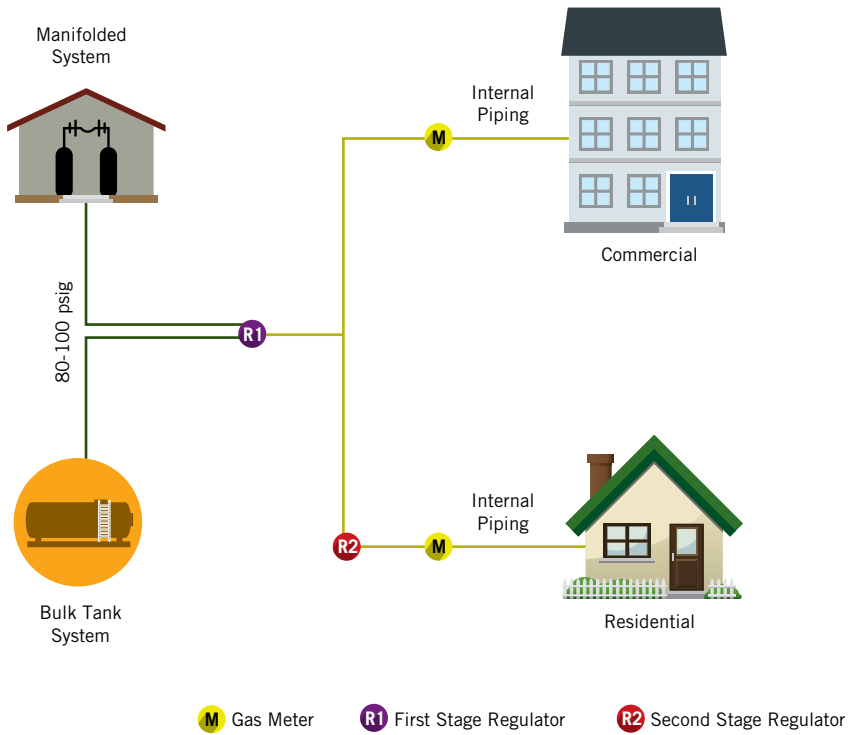
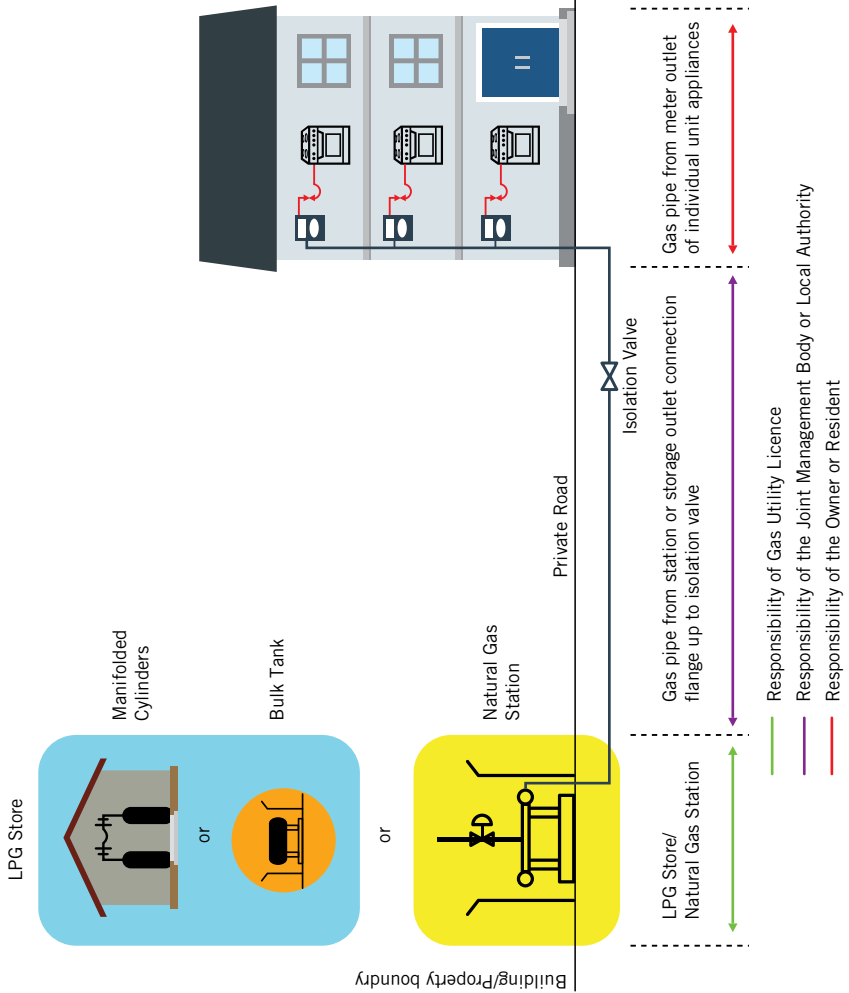


Figure 5: Typical Gas Piping System to Residential Users





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

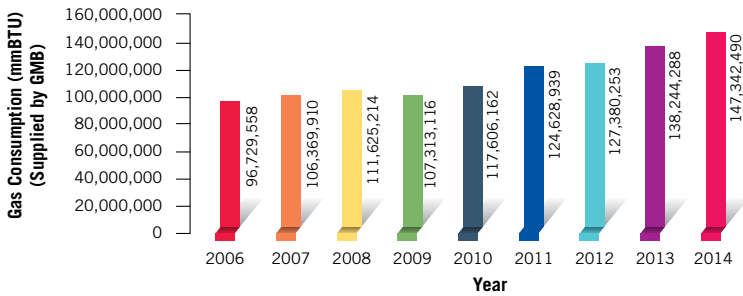


Figure 7: Average Monthly Natural Gas Consumption According to Region in the Peninsula

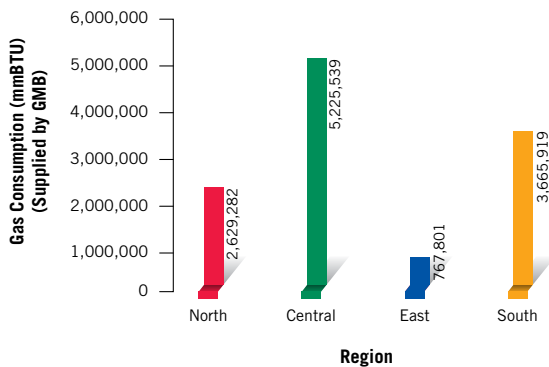


Figure 8: Natural Gas Consumption in Sabah & Labuan

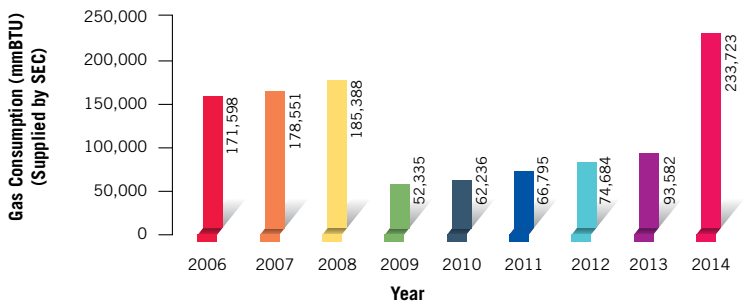


Table 8: Average Natural Gas Composition Supplied by Gas Malaysia Berhad (GMB)

	Region			
	North	Central	East	South
Average Monthly NG Usage Rate (mmBtu/month)	2,629,282	5,225,539	767,801	3,655,919
Number of City Gates	10	9	4	11
Number of Industrial Customers	136	330	36	269
Number of Commercial Customers	0	797	1	1
Number of Residential Customers	0	12,460	108	0

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

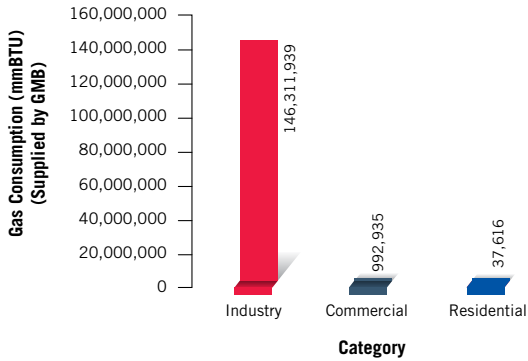


Figure 10: Natural Gas Consumption by Industry Sub-sectors in the Peninsula in 2014

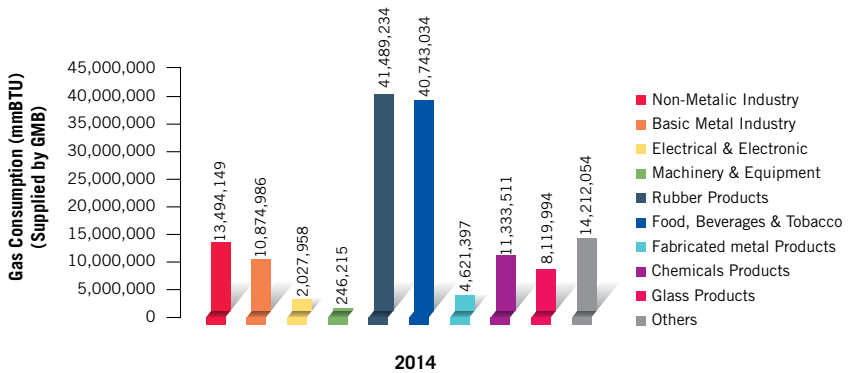


Figure 11: Number of Natural Gas Users in the Peninsula

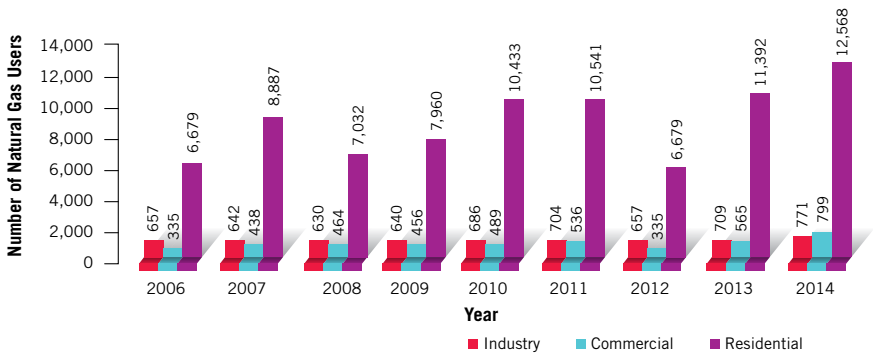


Figure 12: Number of Natural Gas Users in Sabah & Labuan

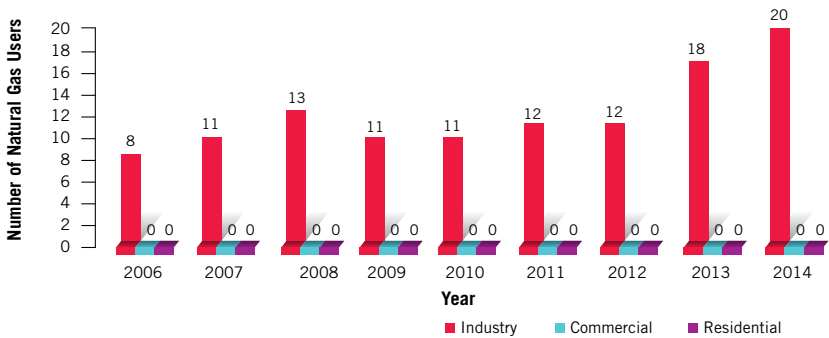


Figure 13: Length of Natural Gas Pipelines in Operation in the Peninsula

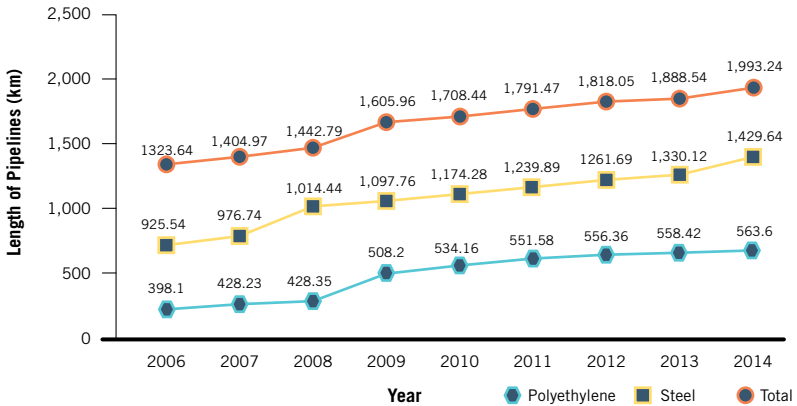
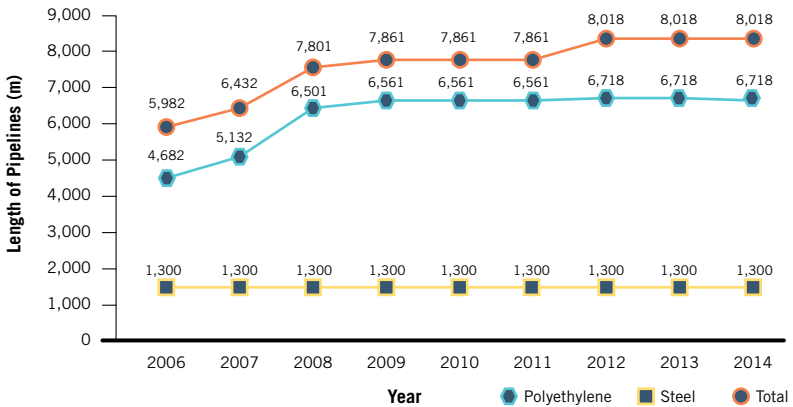


Figure 14: Length of Natural Gas Pipelines in Operation in Sabah



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

Figure 15: LPG Consumption in the Peninsula

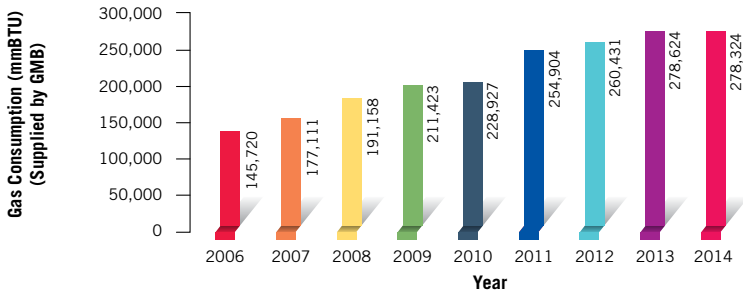


Figure 16: LPG Consumption in the Peninsula According to User's Category

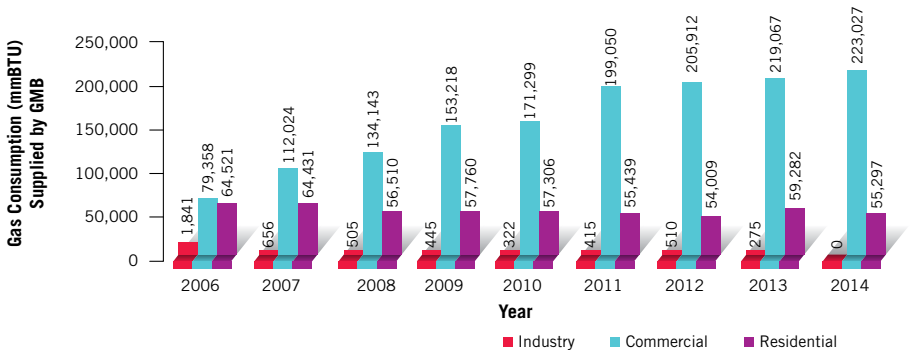


Figure 17: Number of LPG Users in the Peninsula

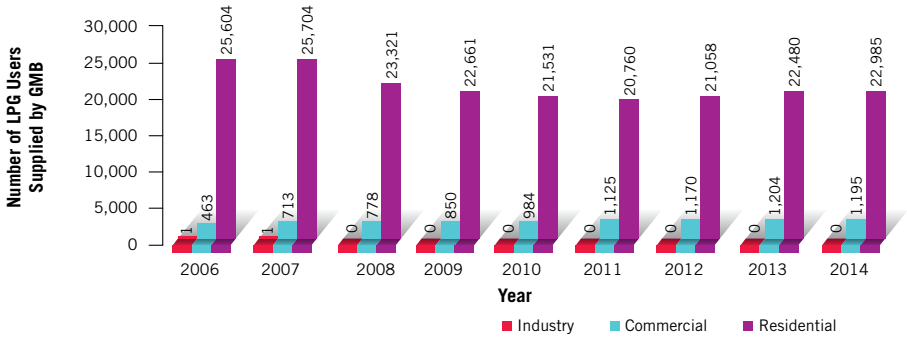
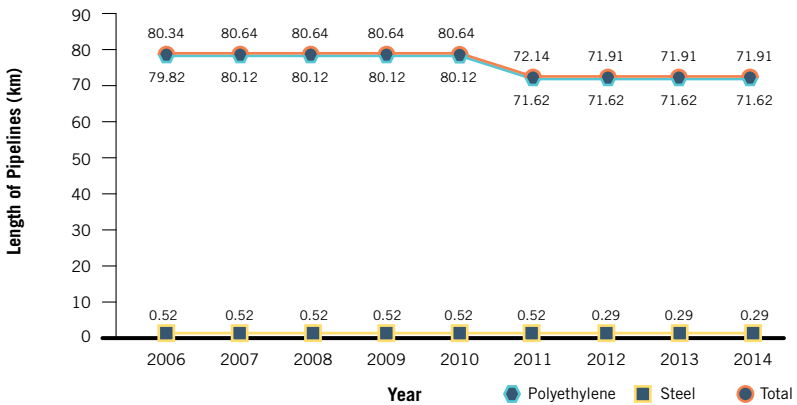


Figure 18: Length of Operational LPG Pipelines in the Peninsula





3.0 RELIABILITY AND SUPPLY SERVICE QUALITY

RELIABILITY AND SUPPLY SERVICE QUALITY

3.1 GAS MALAYSIA BERHAD (GMB) PERFORMANCE INDICATORS

Figure 19: GMB'S SAIDI from 2010 to 2014

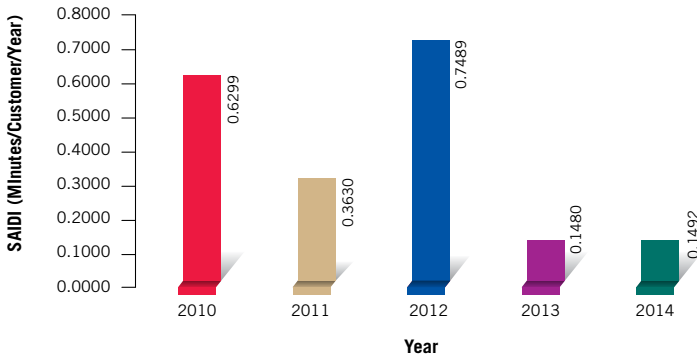
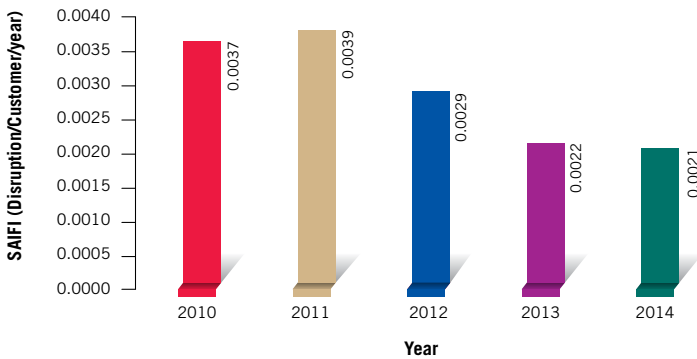


Figure 20: GMB'S SAIFI from 2010 to 2014



Note
For figure 19 and figure 20, lower is better

Figure 21: GMB'S CAIDI from 2010 to 2014

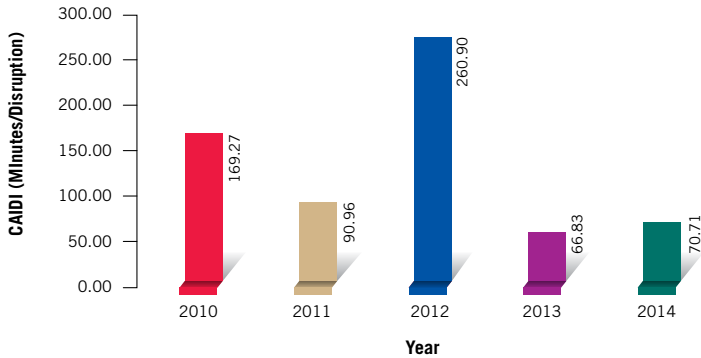
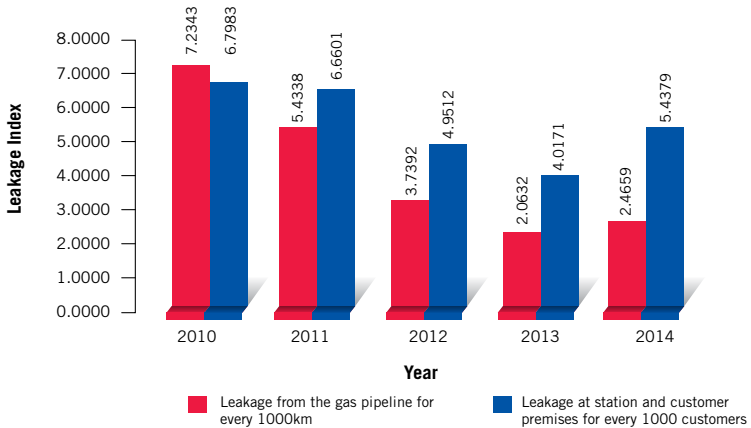


Figure 22: GMB's Pipeline Leakages Index from 2010 to 2014



Note

For figure 21 and figure 22, lower is better

3.2 COMPLAINTS AND INQUIRIES RECEIVED BY GMB

Figure 23: Number of Service Disruptions in 2014

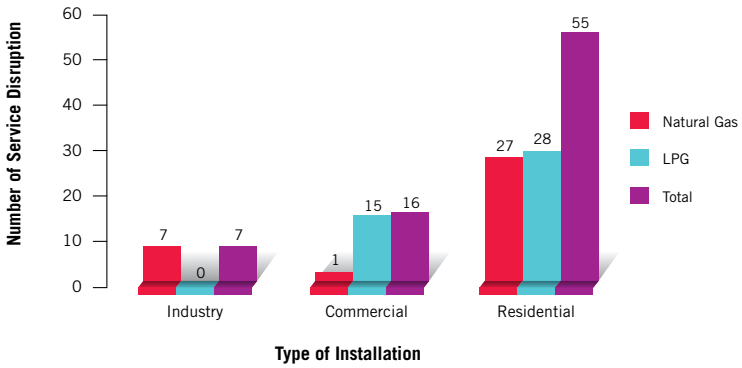
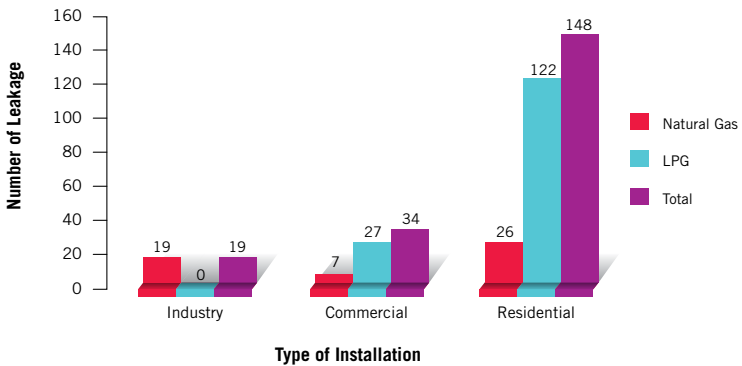


Figure 24: Number of Gas Leakages in 2014



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

Table 9: 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	17	17	100
Complaint & Inquiry via the Telephone	24 hours after the call is made	8	8	100

Table 10: Bill Payment

Item	Client's Charter	Complaint Received	Complied to Client's Charter	Percentage of Compliance (%)
Bill Accuracy	5 working days	0	NA	NA

Table 11: 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	4	0	0
	Commercial	Returned within 1 month after service termination	316	302	96
	Residential	Returned within 2 month after service termination	1,626	1,437	88

Table 11: Refund (cont'd)

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	5	2	40

Table 12: 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	775	775	100

Table 13: 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	9,450	9,450	100

Table 14: 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	601	601	100

Table 15: 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	4	4	100

Table 16: Replacement of Gas Meter

Item	Client's Charter	No. of Gas Meters Changed	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	40 units	29 units	73

3.4 SABAH ENERGY CORPORATION (SEC) CLIENT'S CHARTER PERFORMANCE

Table 17: 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	1	1	100
Complaint & Inquiry via the Telephone	24 hours after the call is made	4	4	100

Table 18: Bill Payment

Item	Client's Charter	Complaint Received	Complied to Client's Charter	Percentage of Compliance (%)
Bill Accuracy	5 working days	0	NA	NA

Table 19: Refund

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	0	NA	NA

Table 20: 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 45 minutes after a call is received	0	NA	NA

Table 21: 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 4 days before commencement of work	0	NA	NA

Table 22: 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	0	NA	NA

Table 23: 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	5	5	100

Table 24: Replacement of Gas Meter

Item	Client's Charter	No. of Gas Meters Changed	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	1 unit	1 unit	73





4.0 NATURAL GAS TARIFF AND LPG PRICES

NATURAL GAS TARIFF AND LPG PRICES

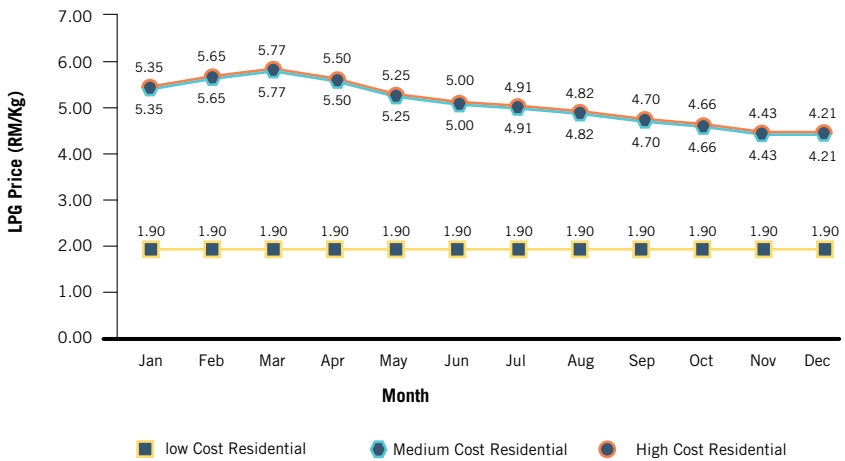
4.1 NATURAL GAS TARIFF IN THE PENINSULA

Table 25: Natural Gas Tariff in the Peninsula for the Year 2014

Tariff Category	User Category	Range of Gas Consumption (mmBtu)	Tariff (RM/mmBTu)		
			June 2011 – April 2014	May 2014 – October 2014	November 2014 – June 2015
A	Domestic User	0	19.52	19.52	19.52
B	Commercial	0-600	20.61	20.61	21.00
C	Commercial	601-5,000	13.98	17.64	18.19
D	Industrial	5,001-50,000	14.61	18.14	18.55
E	Industrial	50,001-200,000	16.07	19.00	19.44
F	Industrial	200,001-750,000	16.07	19.18	19.63
L	Industrial	750,000 & above	16.45	19.65	20.11
Average (RM/mmBtu)			16.07	19.32	19.77

4.2 LIQUEFIED PETROLEUM GAS (LPG) PRICES IN THE PENINSULA

Figure 25: LPG Prices in the Peninsula for the year 2014



4.3 NATURAL GAS PRICE 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.



5.0 GAS LICENSEES

GAS LICENSEES

5.1 GAS UTILITY LICENCE (GUL)

Table 26: 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 26: Number of Private Gas Licensees from 2008-2014

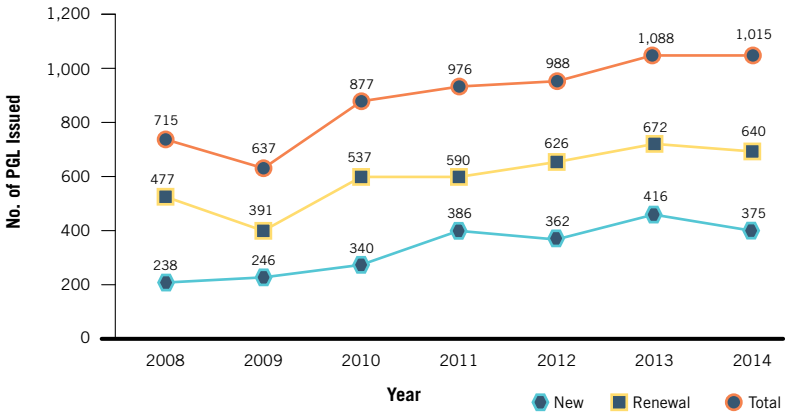
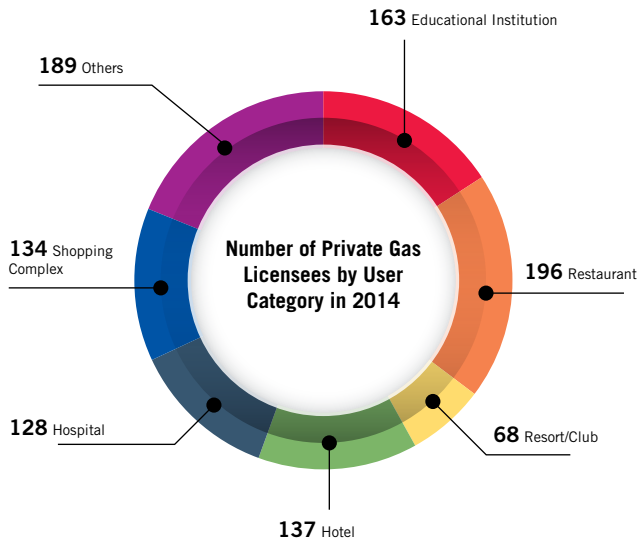


Figure 27: Number of Private Gas Licensees by User Category in 2014







6.0 GAS RETICULATION SYSTEM

GAS RETICULATION SYSTEM

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

Figure 28: Approval to Install (ATI) Issued from 2008 - 2014

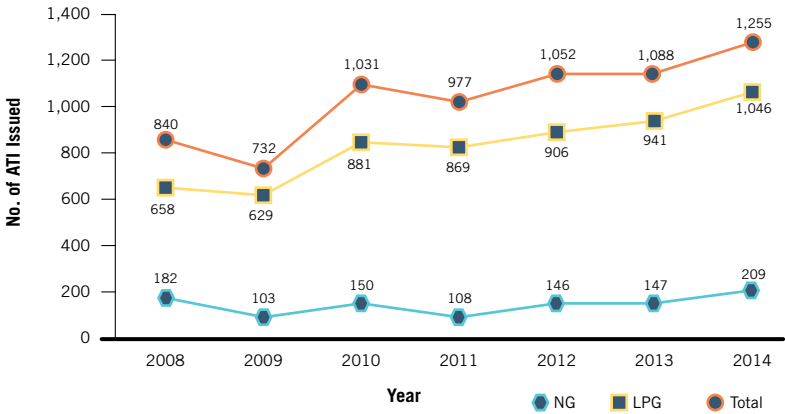


Figure 29: Approval to Install (ATI) Issued based on Locations of Installation in 2014

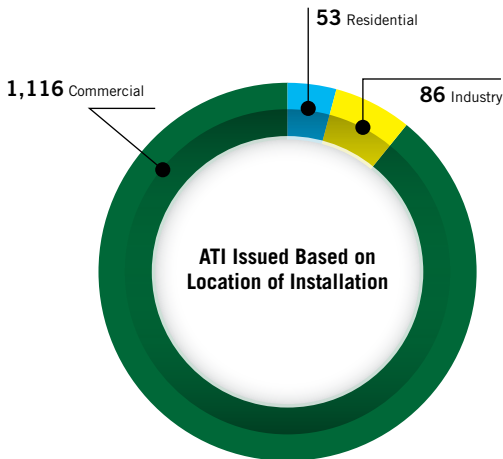


Figure 30: Approval to Install (ATI) Issued based on Installation Classes in 2014

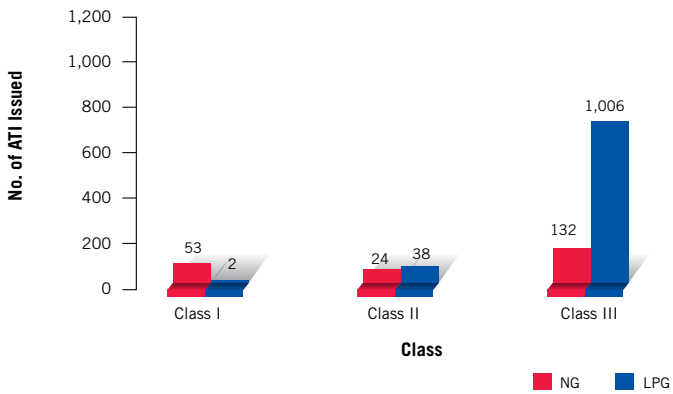


Figure 31: Approval to Operate (ATO) Issued from 2008 - 2014

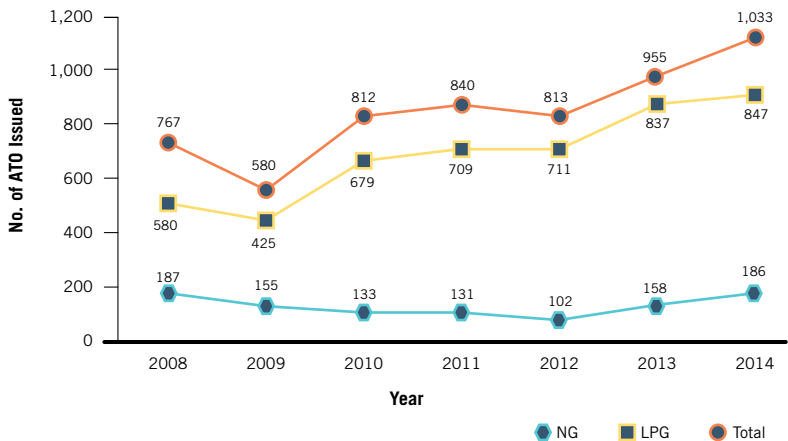


Figure 32: Approval to Operate (ATO) Issued based on Locations of Installation in 2014

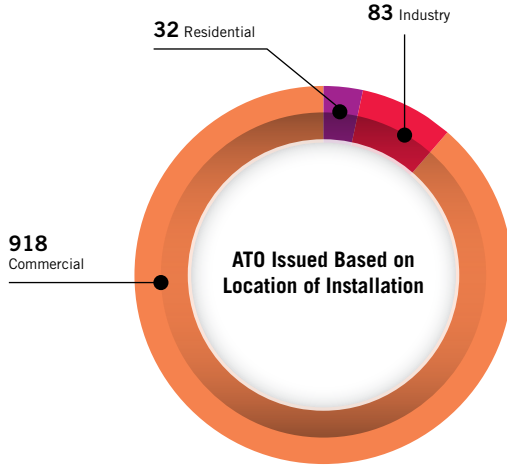
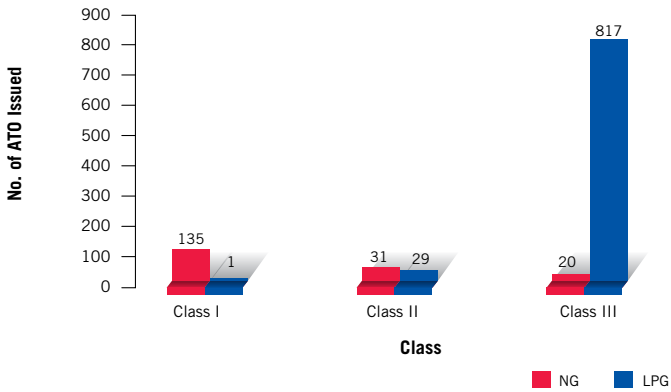


Figure 33: Approval to Operate (ATO) Issued Based on Installation Classes in 2014



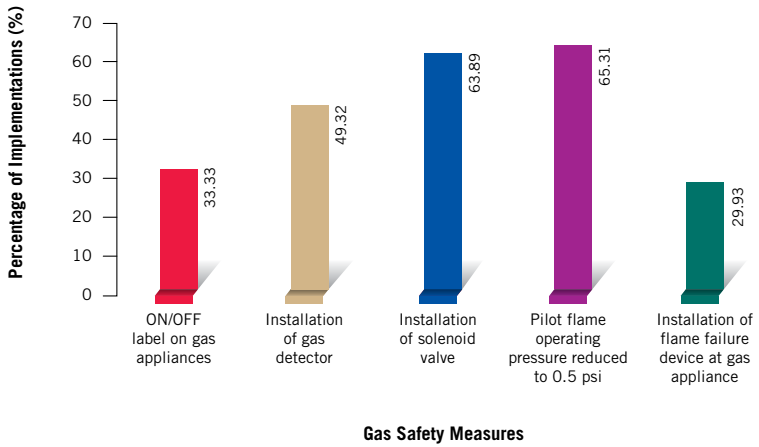
6.2 INSPECTION AND TESTING OF GAS INSTALLATIONS

Table 27: Inspection, Testing and Enforcement Activities

Type of Activity	2007	2008	2009	2010	2011	2012	2013	2014
Inspection & Test	11	30	4	240	239	268	206	445
Gas Taskforce at Shopping Mall	-	-	-	-	-	15 (Malls)	361 (Outlets)	161 (Outlets)
Notice to Repair or Discontinue Operation of Gas Piping System	1	0	293	302	266	270	300	1,938

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 34: Statistics on the Implementation of Gas Safety Measures in 2014



7.0 GAS COMPETENCY

GAS COMPETENCY

7.1 GAS COMPETENCY EXAMINATIONS

Figure 35: Number of Gas Competency Examination and Interview Sessions from 2011-2014

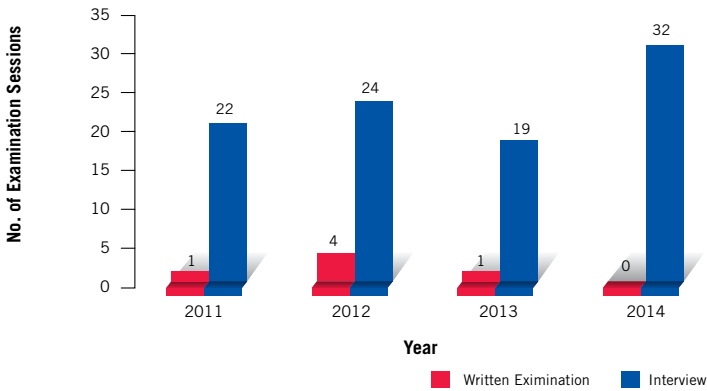
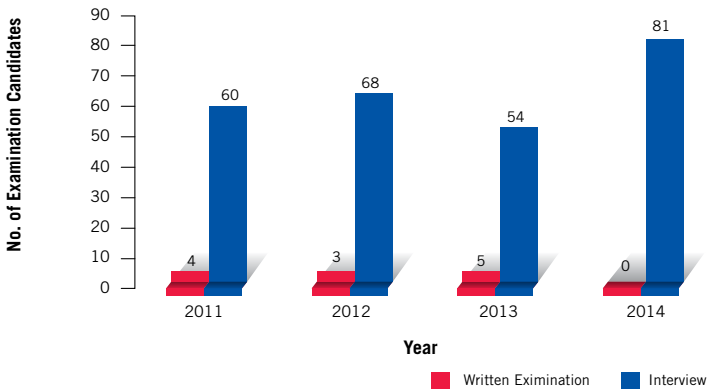


Figure 36: Number of Gas Competency Examination and Interview Candidates from 2011-2014



7.2 ACCREDITATION OF GAS COMPETENCY COURSES

Table 28: Accredited Gas Competency Institutions and Courses in 2014

Name & Address of Institution	Contact Information	Course Offered	Study Mode
INSTITUT KEMAHIRAN MARA (IKM) Jalan Teroka Off Jalan Datin Halimah, Karung Berkunci 848, 80990 Johor Bharu, Johor	Tel : +607 237 0001 / +607 236 1129 Fax : +607 236 4289 Web : www2.ikm.edu.my/jb	i. Gas Fitter Class I	Full Time
PUSAT TEKNOLOGI GAS (GASTEG) Fakulti Kejuruteraan Petroleum dan Tenaga diPerbaharui, Universiti Teknologi Malaysia (UTM), 81319 Skudai, Johor	Tel : +607 553 5653 Fax : +607 554 5667 Web : www.utm.my/petroleum/gasteg	i. Gas Engineer/ Supervisor ii. Gas Fitter Class I iii. Gas Fitter Class II iv. Gas Fitter Class III	Part Time
KOLEJ ANTARABANGSA TEKNOLOGI & PROFESIONAL (KATPM) PERLIS Peti Surat 40,Km 5, Jalan Padang Besar, 01000 Kangar, Perlis	Tel : +604 977 9177 Fax : +604 977 1200 Web : www.katp.edu.my	i. Gas Fitter Class III	Full Time

7.3 GAS COMPETENT PERSON CERTIFICATIONS

Figure 37: Gas Competent Persons Certifications from 1998 - 2014

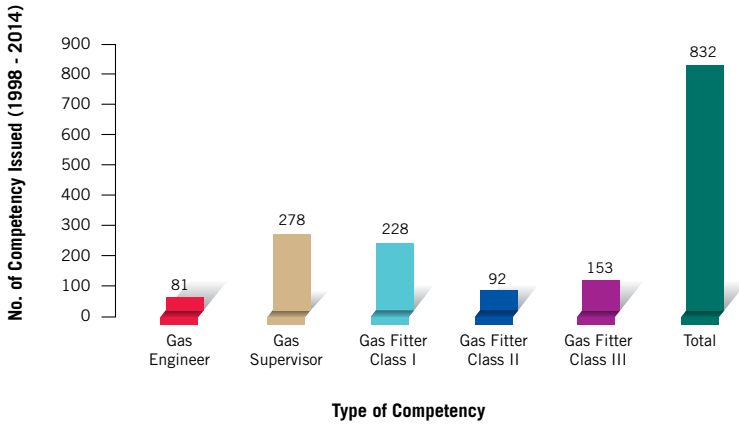
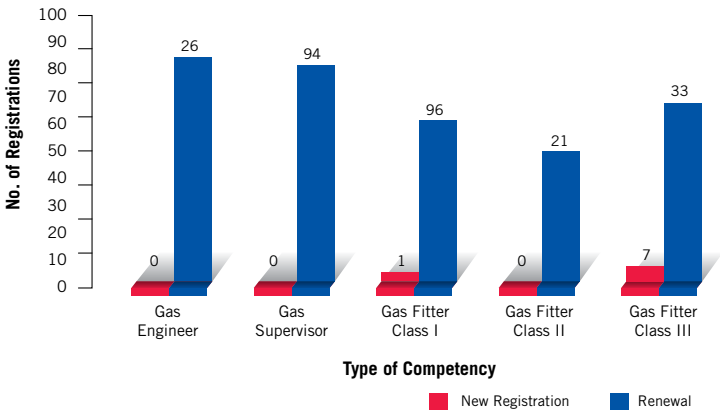
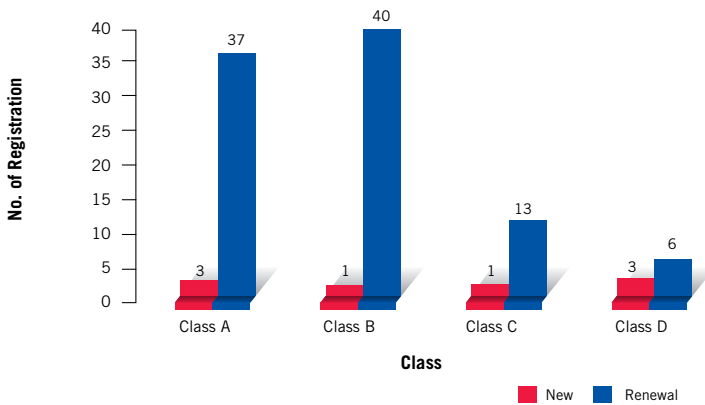


Figure 38: Gas Competent Person Registrations in 2014



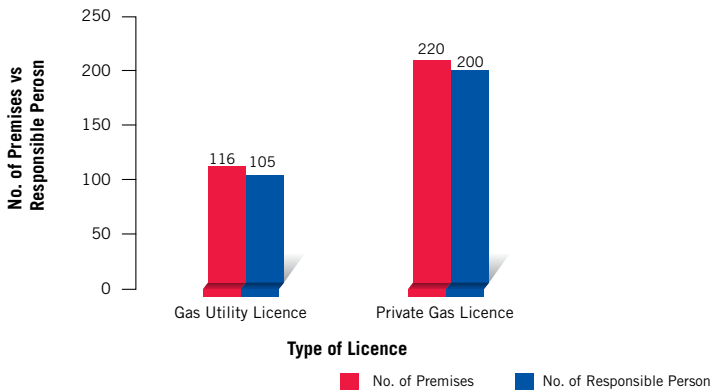
7.4 GAS CONTRACTOR REGISTRATIONS

Figure 39: Gas Contractor Registrations in 2014




7.5 RESPONSIBLE PERSON FOR COMMERCIAL PREMISES

Figure 40: Registered Responsible Persons for Commercial Premises in 2014







8.0 GAS FITTINGS, GAS APPLIANCES AND GAS EQUIPMENT APPROVALS

GAS FITTINGS, GAS APPLIANCES AND GAS EQUIPMENT APPROVALS

Figure 41: Approvals to Manufacture or Import Gas Fittings, Gas Appliances and Gas Equipment from 1998-2014

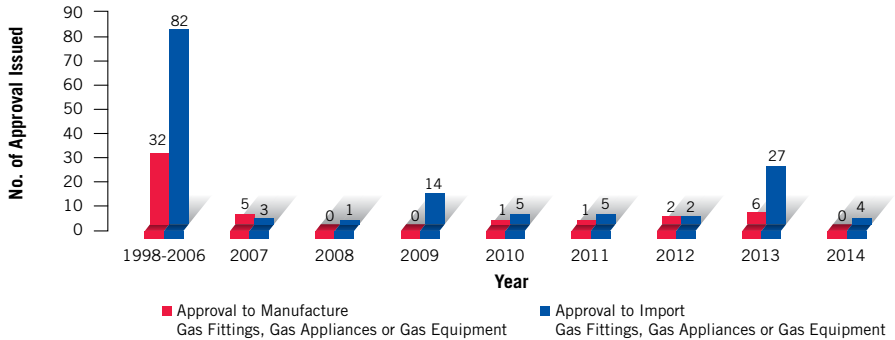
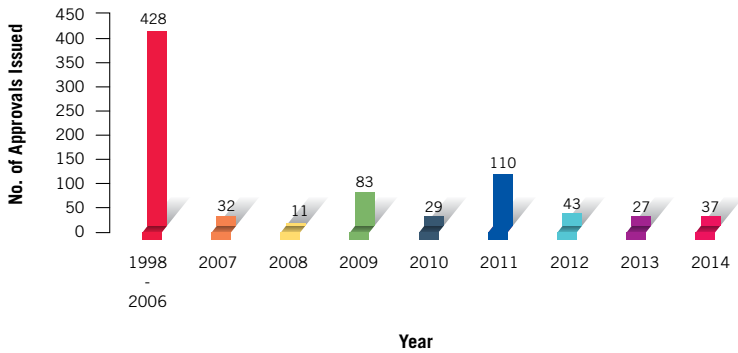


Figure 42: Approvals Issued for Gas Fittings, Gas Appliances and Gas Equipment from 1998-2014







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



9.2 REGIONAL OFFICES

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





10.0 GAS UTILITY LICENSEES CONTACT INFORMATION

GAS UTILITY LICENSEES CONTACT INFORMATION

10.1 GAS MALAYSIA BERHAD

HEADQUARTERS

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

OCC Hotline:
1-800-88-9119 or
1-800-5656
OCC e-mail:
orc@gasmalaysia.com

OCC = Operations Control
Centre

REGIONAL OFFICE

SOUTH
PLO 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 OFFICE

SELANGOR

Bangi

No. 30, Jalan 4/12B
43650 Bandar Baru Bangi
Selangor

Tel : 07 252 2314

Fax : 07 252 2561

SELANGOR

Shah Alam

No. 1, Jalan 13/15
Sekyen 13
40000 Shah Alam, Selangor

Tel : 03 5511 9914

Fax : 03 5511 9912

PERAK

Seri Manjung

9 PSN PM7,
Pusat Bandar Seri Manjung
32040 Seri Manjung, Perak

Tel : 04 976 8400

Fax : 04 976 0625

KUALA LUMPUR

Jalan Gurney

No. 20, Jalan Gurney
54100 Kuala Lumpur

Tel : 03 9206 7800

Fax : 03 9287 4282

WP PUTRAJAYA

Putrajaya

No. 1, Jalan P9 B/1,
Precinct 9, 62250 Putrajaya

Tel : 03 8888 5264 /5224

Fax : 03 8888 3990

JOHOR

Kluang

No. 9, Jalan 53B
Taman Kluang Barat
86000 Kluang, Johor

Tel : 07 771 2105

Fax : 07 777 2108

NEGERI SEMBILAN

Senawang

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

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

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



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