



Seminar Pemerkasaan
Perundangan,
Pelesenan &
Keselamatan Gas Bagi
Pengusaha Dobi
- Keselamatan -

Hotel Bangi – Putrajaya, Bangi,
Selangor

26 September 2018

Overview of the Energy Commission

A statutory body **established under the Energy Commission Act 2001**, Suruhanjaya Tenaga (ST) or the Energy Commission is responsible for regulating the energy sector, specifically the **electricity and piped gas supply industries, in Peninsular Malaysia and Sabah.**

Taking over the role of the Department of Electricity and Gas Supply, the Energy Commission **started its operation on January 1, 2002.**

The main focus of the commission are **reliable** electricity and gas supply, **reasonable costs** and **safety**.

The roles of the Energy Commission is divided into three, namely **Economic Regulation, Technical Regulation and Safety Regulation.**

Roles of The Energy Commission

1) Economic Regulation

To promote economy in the generation, transmission, distribution, supply and use of electricity and in the reticulation and use of gas; promote competition; enable fair and efficient market conduct and prevent the misuse of monopoly or market power in the electricity and piped gas industries.

2) Technical Regulation

To ensure security, reliability, efficiency and quality of supply and services in the electricity and piped gas supply industries.

3) Safety Regulation

To protect the industry, consumers and public from dangers arising from the generation, transmission, distribution, supply and use of electricity and the distribution, supply and use of piped gas.



Kedai dobi terbakar, wanita melecur 50 peratus

HIDAYAH HAIROM, FOTO: IHSAN BOMBA

11 APRIL 2018



Facebook



Twitter



WhatsApp



Email



More



Keluhan rugi pengusaha dobi

f Share

Tweet

g+ Share

MyMetro > Mutakhir



8 Take Home Points

Installation Approval Requirements (ATI & ATO)

Registered Gas Contractors & Competent Persons

Offences

Gas Detector

How to Detect Gas Leaks

Responsible Person

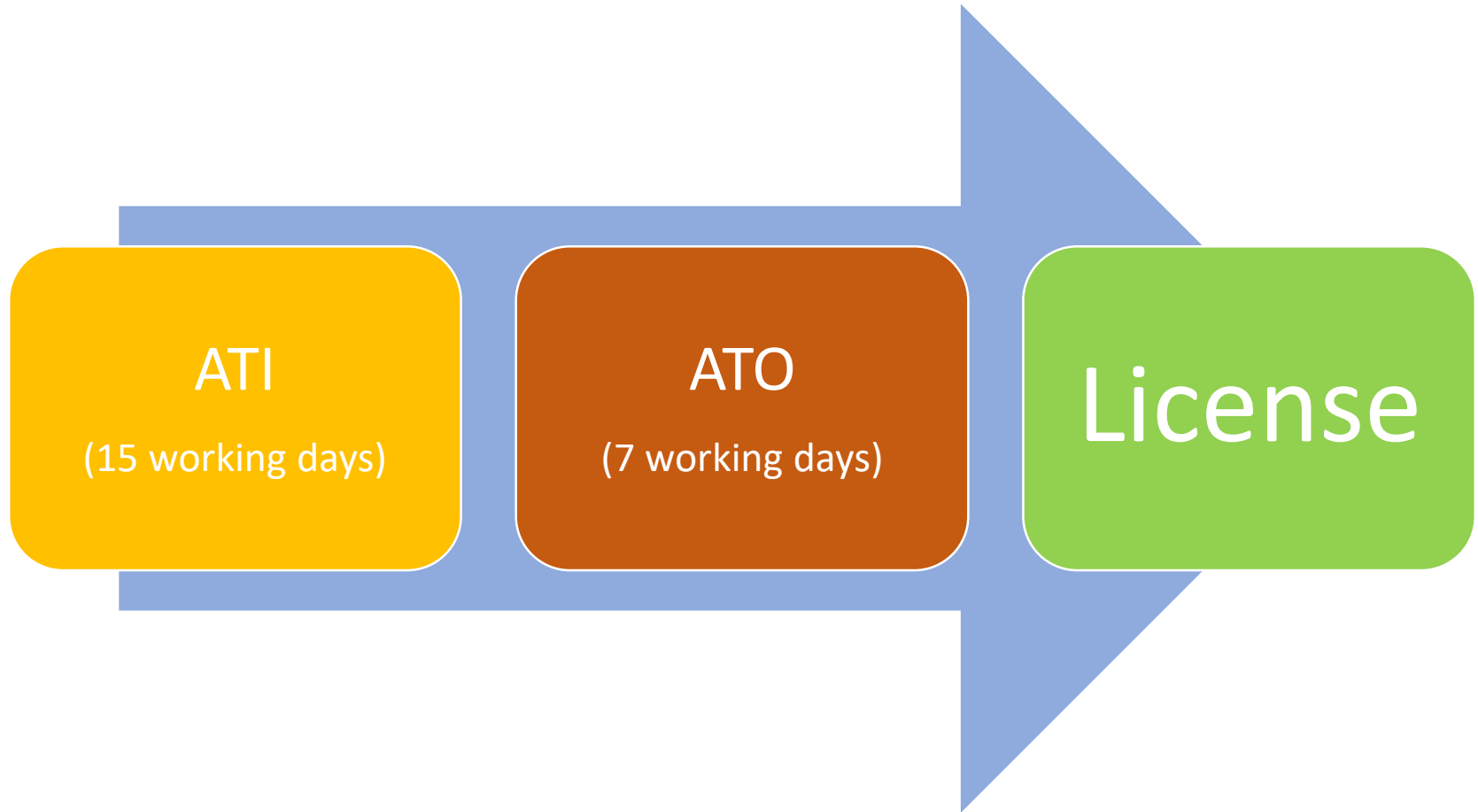
Maintenance

Bad Practices

Installation Approvals (ATI & ATO)

When to apply?	What to apply?	Processing Fee	Who to apply?
Before commencing any installation work	Approval to Install (ATI) <i>- Regulation 15</i>	RM 200	Registered Gas contractors on behalf of owners of the piping system
After installation has been completed and tested	Approval to Operate (ATO) <i>- Regulation 16</i>	RM 100	

Approval Process Flow



Registered Gas Contractors & Gas Competent Persons

1

<https://www.st.gov.my/>



HIGHLIGHTS : Tender Notice: "Projek Membekal, Menghantar, Memasang, Melaksana, Mengkonfigurasi, Menguji, Melatih, dan Mentauliah serta Khidmat Sokongan Sistem Kewangan yang Memenuhi Kriteria Standard Accounting System for Government Agencies (SAGA) untuk Suruhanjaya

[View More »](#)

FUEL PRICES

1. **Regulated piped gas price** in Peninsular Malaysia to:
 - a. Power sector
 - b. Gas Malaysia Bhd (GMB)
 - c. GMB customers
 - d. Other industrial customers.
2. **Unregulated piped gas price (LNG indexed)** in Peninsular Malaysia to:
 - a. Power sector
 - b. GMB
 - c. Other industrial customers
3. **Brent crude oil price**
4. **Japanese Customs Cleared crude oil (JCC)**
5. **Medium fuel oil (MFO)**
6. **Diesel price**
7. **Applicable coal price (ACP)**

[View More »](#)

SAIDI FOR PENINSULAR



[View More »](#)



LSSPV

Large Scale Solar Photovoltaic Plant

- Select --
- Registered Electrical Contractors
 - Registered Electrical Competent Persons
 - Approved Electrical Equipment
 - Registered Electrical Energy Managers
 - Registered Gas Competent Persons**
 - Registered Gas Contractors
 - Registered Manufacturer & Importer of Gas Equipments
 - Approved Gas Equipment
 - List of Registered Installations
 - List of Registered Private Installations

-- Select --

SERVICES



Licence



Contractors



Competent
Persons



Examination

ST IN THE MEDIA



PUBLICATIONS

For the purpose of educating and enhancing public knowledge in the energy sector, ST has published several publications including books, guidelines and magazines, as

Senarai Kontraktor Gas

Carian

Nama Syarikat :

Tarikh Tamat Pendaftaran :  hingga 

Negeri :

Status Pendaftaran :

Kelas :

Jumlah rekod : 8 Halaman :

 MS Excel

	Nama Syarikat	Alamat/Telefon/Faks	Kelas	Tarikh Luput Pendaftaran	Orang Kompeten
1.	ACE ENERGY SDN BHD	NO 6-3 JALAN PUNCAK SETIAWANGSA 4 TAMAN SETIAWANGSA 54200 KUALA LUMPUR WILAYAH PERSEKUTUAN Telefon: 0342518949 Faks: 0342661111	Kelas A	23/10/2018	AHMAD NUR SHUKRI BIN ABDUL SHUKOR (JGGI) MUHAMAD NOR AZAN BIN JON NADZIM (PKG) SUHAIDI BIN MOKHTAR (JG)
2.	KEJURUTERAAN JAYAGAS SDN BHD	245, JALAN MAHKOTA TAMAN MALURI CHERAS 55100 KUALA LUMPUR 55100 KUALA LUMPUR WILAYAH PERSEKUTUAN Telefon: 0392851708 Faks: 0392856734	Kelas A	23/08/2019	CHONG KOK CHOY (JGGI) MOHD RIDZUAN BIN AZIS (PKG) MOHD SHUKUR BIN ABDUL LATEF (JGGI) MUHAMMAD ZAIFIRDAUS BIN ZAINUDIN (JGGI)
3.	MAJU GAS ENGINEERING SDN BHD	NO 43, JALAN PERDANA 6/4 PANDAN PERDANA, CHERAS, KUALA LUMPUR 55300 KUALA LUMPUR WILAYAH PERSEKUTUAN Telefon: 0392001223 Faks: 0392856267	Kelas A	22/02/2019	MOHD AZMI BIN ABU TALIB (JGGIII) MUHAMMAD IKHMAL BIN YUSOFF (JGGI) NORFARANI BINTI GHAZALI (PKG) SITI ARNIDA BINTI SHAMSUDIN (PKG) WONG KOK KEONG (JGGII) WONG KOK LEONG (JGGIII)

Offences



Section 31 : General Penalty

Any person who by any act or omission contravenes any provision under this Act or any regulation made thereunder shall be guilty of an offence and if no penalty is expressly provided shall, on conviction, be liable to a fine **not exceeding one hundred thousand ringgit and, in the case of a continuing offence, to a fine not exceeding two thousand ringgit for every day** or part of a day during which the offence continues after conviction.

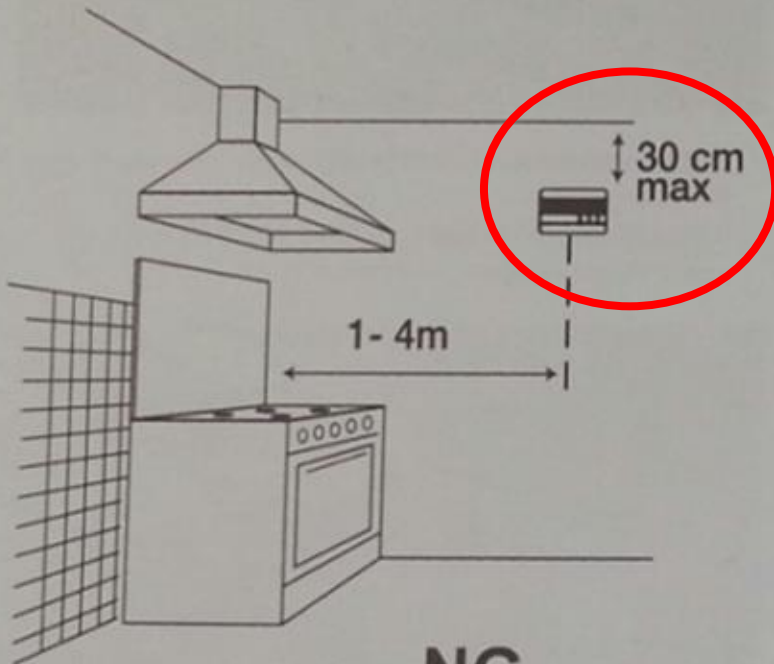
Gas Detectors



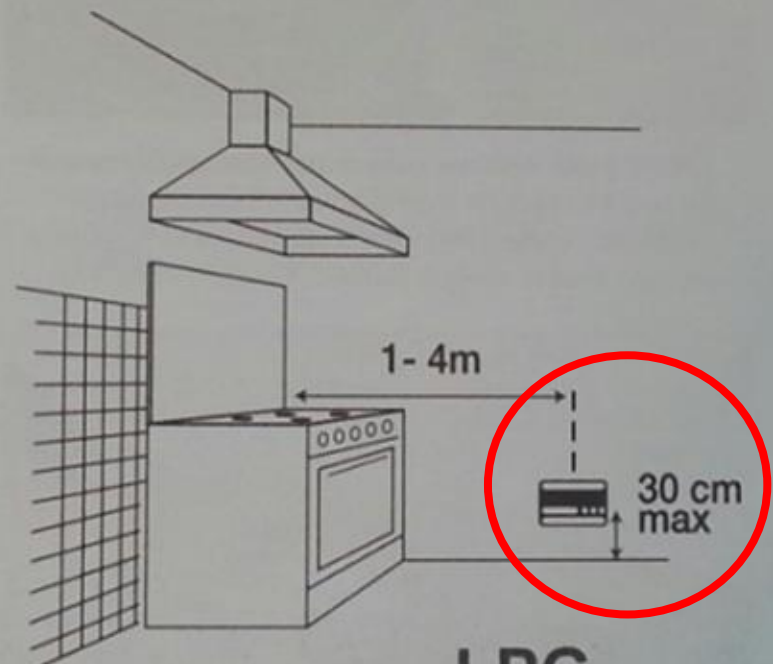
MS 930:2017 SECTION 5.17

Fixed gas leakage detectors shall be provided to areas where the gas are used. For commercial installation, the gas detection system **shall automatically send a signal to shut the automatic valve** when sufficient LEL is detected based on type of gas supplied.

Gas detectors shall be installed according to manufacturer's recommendations or **300 mm from the floor for LPG** or **300 mm from the ceiling for natural gas**



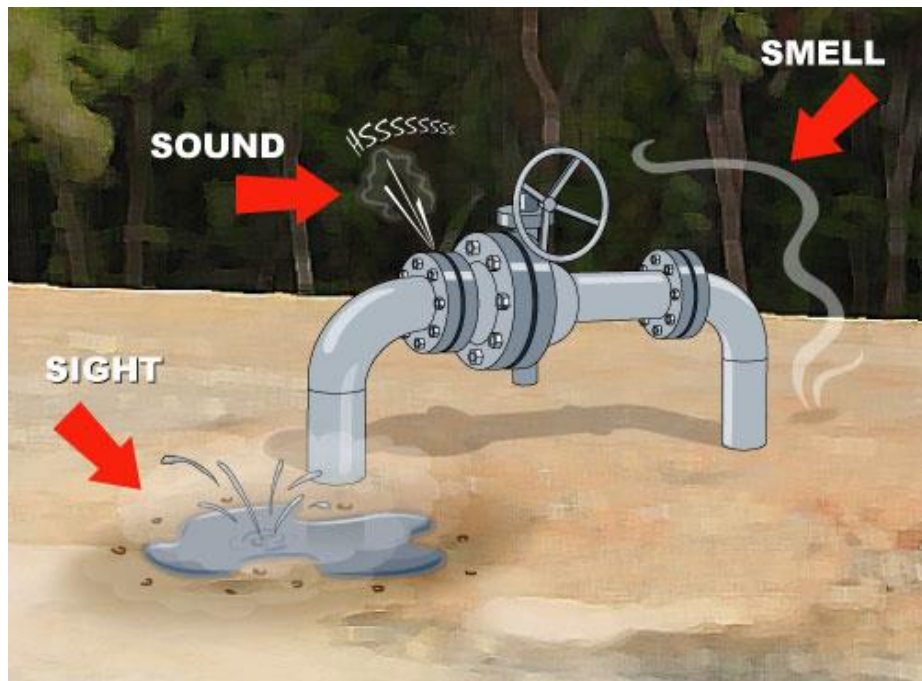
NG
Natural Gas Detector
Alatan Pengesan Gas Asli



LPG
LPG Detector
Alatan Pengesan Gas Petroliam Cecair



How to
detect gas
leak?



Gas detector



Dead Plants



Insects near leak points



Unusually high bills



Pressure drop

Maintenance of gas installation



MS 930 SECTION 5.18.1

A gas installation shall be **maintained in good and efficient working** order to ensure safety of persons and safety be observed at all times so as to prevent danger.

MS 930 SECTION 5.18.2

The duty to ensure safety requirements under 5.18.1 **shall lie with the responsible person.**

MS 930 SECTION 5.18.3

A domestic gas installation shall be checked, tested and certified by the competent person **every three years** but other gas installations shall be similarly inspected, tested and certified **every two years.**

Responsible Person

Licensee or consumer, or an occupier of the premises, or where there is no consumer or occupier, the owner of the premises or any person authorized by the consumer or occupier **to be in charge of the gas pipeline or gas installation in the premises.**





Bad Practices



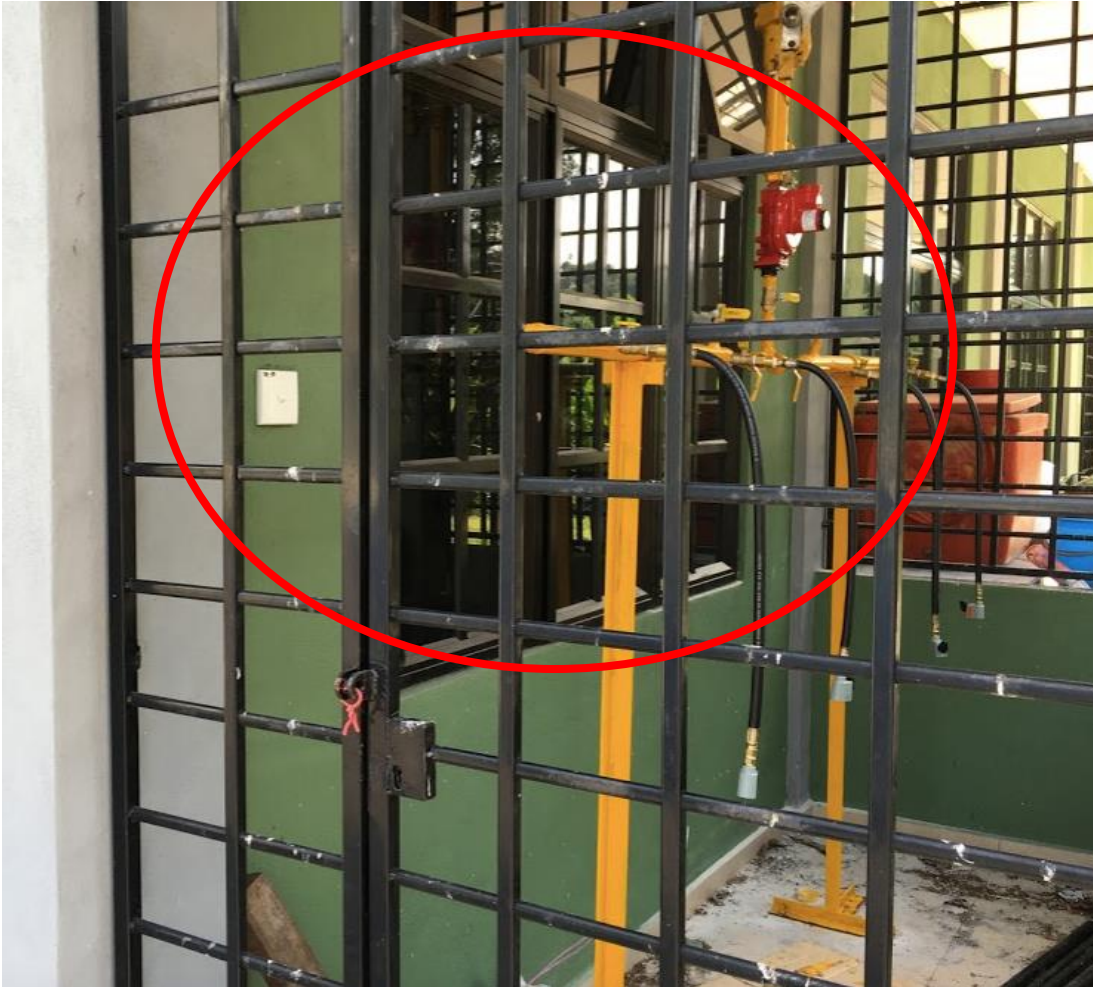
Exterior source of ignition must be located 1.5 m away from the LPG Farm



LPG Store **must not be placed at the front entrance** of the premises or anywhere where it might endanger the public

No space for loading and unloading of LPG cylinders





LPG manifold must not be installed below / in front of a window



Drain or gully within 2 m of the LPG farm must be covered



Thanks for
your attention