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DISTRIBUTION OF GAS ORDINANCE, 2016

DISTRIBUTION OF GAS (INSTALLATION AND COMPETENCY) REGULATIONS, 2021

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SARAWAK LAWNET

DISTRIBUTION OF GAS ORDINANCE, 2016
DISTRIBUTION OF GAS (INSTALLATION AND COMPETENCY)
REGULATIONS, 2021
(Made under section 32)

In exercise of the powers conferred by section 32 of the Distribution of Gas Ordinance, 2016 [*Cap. 72*] (“the Ordinance”), the Majlis Mesyuarat Kerajaan Negeri has made the following Regulations:

Citation and commencement

1. These Regulations may be cited as the Distribution of Gas (Installation and Competency) Regulations, 2021, and shall be deemed to have come into force on the 1st day of August, 2021.

Interpretation

2. In these Regulations, unless the context otherwise requires—

“additional gas installation” means a gas pipeline approved under regulation 6, as an addition or extension to an existing gas installation;

“competent person” means a person or body of persons issued with a Certificate of Competency and a Certificate of Practice under Part III of these Regulations;

“Certificate of Competency” means the certificate issued by the Board of Examiners under Part III of these Regulations;

“Certificate of Practice” means the certificate issued by the Director under Part III of these Regulations;

“examination” means any examination conducted by the Board or other persons appointed by the Board for that purpose including the conduct of a formal written test, interview, *viva voce* and practical assessment to determine a person’s knowledge and competency in a subject or skill in relation to gas pipeline or gas installation work in accordance with a syllabus determined by the Board;

“gas appliance” means an appliance designed for use or to be used by a consumer of gas for heating, burning, motive power or other purposes for which gas can be used and includes a gas appliance regulator;

“Gas Contractor” means a person who holds a Certificate of Registration as a Gas Contractor issued under Part III of these Regulations;

“Gas Engineer” means a person who holds a Certificate of Competency as a Gas Engineer issued under regulation 58;

“Gas Engineering Supervisor” means a person who holds a Certificate of Competency as a Gas Engineering Supervisor issued under regulation 58;

“gas equipment” means a tool or device such as a valve or pressure regulator used in a gas system;

“gas installation” means the gas installation as provided in Part II of these Regulations;

“gas fitting” means an item in a piping or tubing system that is used as a connector such as an elbow, return bend, tee, a union, a bushing, coupling, cross or nipple but does not include a gas equipment;

“Gas Fitter” means a person who holds a Certificate of Competency as a Gas Fitter, issued under regulation 58;

“gas main pipe” means a pipe installed in a community to convey gas to an individual service pipeline or other main pipe;

“gas service pipe” means a pipe between the gas main pipe and a meter installed on the premises of a consumer and includes any pipe downstream of a service isolation valve;

“Government” means the State Government of Sarawak;

“licensee” means any person issued with a licence to undertake any of the activities listed in section 7 of the Ordinance;

“meter” means a device installed to measure, ascertain or regulate the amount of gas taken or used from the main supply;

“Ordinance” means the Distribution of Gas Ordinance, 2016 [*Cap. 72*];

“operating pressure” means the pressure of gas at which a gas system is operated;

“person” means an individual or body of persons which includes a firm, a company, an association, or a partnership registered under the relevant law;

“purge” means the removal of all air and gas other than the gas supplied from a gas service pipe, meter, gas equipment or gas appliance;

“regulator” means a device used for regulating gas pressure;

“responsible person” in relation to any premises, means the 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;

“service isolation valve” means a valve installed at or near the boundary line of a property or at the apron of a building for the purpose of controlling or shutting off gas flow;

“valve” means a tool used for the purpose of controlling or shutting off gas flow and includes a service isolation valve;

“work” in relation to a gas pipeline or gas installation, includes the following work:

- (a) installing a gas pipeline or gas installation;
 - (b) constructing, testing, fixing, operating, maintaining, servicing, adjusting, repairing, altering or renewing a gas pipeline or gas installation or the purging of air or gas pipeline;
 - (c) changing the position of a gas pipeline or gas installation;
- or
- (d) removing a gas pipeline or gas installation.

Application

3.—(1) These Regulations shall apply in relation to—

- (a) a gas pipeline or gas installation which is supplied or is to be supplied with gas;
- (b) a gas fitting which forms part of the gas pipeline or gas installation; and
- (c) a gas appliance or any part of it used in the gas pipeline or gas installation.

(2) For the purpose of these Regulations, a reference to the installation of a gas pipeline includes a reference to the conversion of a pipe, fitting, meter, equipment, apparatus or appliances in order to use the gas supplied through the pipeline.

PART II GAS INSTALLATION

Classification of gas installation

4. All gas installations shall be classified in accordance with the classes as specified in Table 1 of the Second Schedule.

Installation to be carried out in accordance with Regulations

5. Every work on a gas installation shall be carried out in accordance with these Regulations and any terms and conditions as may be imposed.

Approval to install

6.—(1) Any person before commencing work on any new installation, or additional gas installation, shall—

(a) submit an application for approval to install in a form as may be determined by the Director together with the documents as may be requested by the Director from time to time; and

(b) attach the drawings of the system properly engineered to a suitable scale or in isometric projection showing all the details of the gas installation.

(2) The drawings referred to in sub regulation (1)(b) shall be endorsed by a Gas Engineer, Gas Engineering Supervisor, Class I Gas Fitter or Class II Gas Fitter, as the case may be.

(3) The Director may approve the application if he is satisfied that the applicant has fulfilled the requirements of these Regulations and subsequently issue an approval to install under such terms and conditions as he may impose upon the payment of fee prescribed in Part I of the Third Schedule.

(4) All terms and conditions of the approval to install shall be complied with by—

(a) the owner of the installation;

(b) the competent person engaged to advise on the work on the installation, to the extent of his scope of work; and

(c) the Gas Contractor registered with the Director carrying out the work on the installation, as contained in an approval to install issued by the Director pursuant to sub regulation (3).

(5) Any person who contravenes regulation 6(1) shall be guilty of an offence and shall, upon conviction, be punished with a fine of five thousand ringgit and for a subsequent offence, shall be punished with a fine of ten thousand ringgit.

Approval to operate

7.—(1) Upon completion of a new gas installation or additional gas installation, the applicant shall—

(a) submit an application for approval to operate in a form as may be determined by the Director together with the documents as may be requested by the Director from time to time;

- (b) a Certificate of Completion issued under regulation 8; and
- (c) a Test Certificate issued under regulation 9.

(2) The Director may approve the application if he is satisfied that the applicant has fulfilled the requirements of these Regulations and subsequently issue an approval to operate under such terms and conditions as he may determine upon the payment of fee prescribed in Part I of the Third Schedule.

(3) Any person who contravenes regulation 7(1) shall be guilty of an offence and shall, upon conviction, be punished with a fine of ten thousand ringgit and for a subsequent offence, shall be punished with a fine of thirty thousand ringgit.

Certificate of Completion

8. The Certificate of Completion shall be in Form A as prescribed in the First Schedule and shall be issued and signed by the competent person who supervises the installation work as specified in Table 2 of the Second Schedule.

Test Certificate

9.—(1) Any new gas installation or the additional gas installation shall be tested and certified to be safe for use by the competent person as specified in Table 2 of the Second Schedule before gas is supplied to a new gas installation or an additional gas installation.

(2) Upon being satisfied that the gas installation or additional gas installation is safe for use, the competent person shall issue a Test Certificate which shall be in Form B as prescribed in the First Schedule.

Notification of an existing gas installation

10. Any person who commences any work on an existing gas installation shall notify the Director in Form C of the First Schedule and the responsible person.

Director may order work to be suspended or stopped

11. The Director may order the work on the gas installation to be suspended or stopped if there is any failure to comply with regulations 8, 9 and 10 or any other terms and conditions imposed by the Director.

Supervision of work on gas installation by a competent person

12. Every work on a gas installation shall be supervised by a competent person employed by the Gas Contractor who is carrying out the installation work.

Director or the licensee to determine point of termination

13. The point of termination of the gas main pipe, gas service pipe and riser in premises supplied with gas shall be determined by the Director or the responsible person, as the case may be.

Director may inspect and test gas installation

14.—(1) The Director or any other person authorized by the Director may inspect and test a gas installation after giving notice of the intention to inspect and test as prescribed in Form D of the First Schedule to the responsible person.

(2) The notice under sub regulation (1) shall be served either personally or by registered post or may be affixed at a conspicuous place of the premises where the gas installation is to be inspected and tested.

(3) The notice under sub regulation (1) shall be valid for a period not exceeding twenty-one days from the date of issuance.

(4) Upon receipt of the notice under sub regulation (1) the responsible person shall make or cause to be made the necessary preparation for the carrying out of the inspection and test and shall be present at the time of the inspection and test.

Fee for inspection and test of gas installation

15. The inspection and test of the gas installation shall be subjected to the payment of the fee prescribed in Part I of the Third Schedule.

Location of gas installation

16.—(1) The location of a gas installation shall be indicated in accordance with one or more of the following methods—

- (a) provision of a plan on or listing of facility locations by measurement from a surface datum point;
- (b) surface staking; or
- (c) surface marking.

(2) For the purpose of sub regulation (1) the concrete marker, warning sign post and pipeline marker for a traffic area shall be as prescribed in Figure 1, 2 or 3 of the Fourth Schedule respectively.

Area around indicated location

17. A pre-located or marked gas installation shall be considered to lie within a zone equal to the diameter of the gas installation plus 0.5 meters on either side of the indicated location.

Installation of gas in underground structure or within the vicinity of existing gas installation

18.—(1) No person, except with written permission by the Director, shall—

(a) install or cause to be installed a gas installation where it passes through or interferes with an underground structure that is not used solely for a gas installation; or

(b) install or construct an underground structure that interferes with a gas installation by passing over, under or enclosing the gas installation until an agreement has been entered with the licensee for the removal or alteration of the gas installation.

(2) Any person who intends to construct an underground structure within one meter of a gas installation shall give notice in writing not less than three working days to the responsible person operating in the area or his agent before commencing excavation for the structure.

(3) Any person who contravenes this regulation 18(1) shall be guilty of an offence and shall, upon conviction, be punished with a fine of not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

Information from licensee or agent on location of gas installation

19.—(1) Any person who intends to excavate shall, in not less than four working days prior to the day of the proposed excavation, request in writing from the responsible person or his agent for information on the location of the underground gas installation that is owned, operated or registered by them in the proposed excavation area.

(2) In making a request under sub regulation (1), the person shall state his intention to do excavation work in a specific location within the area at a date to be determined upon receipt of the information from the responsible person or his agent.

No commencement of work until information is received

20. No person shall commence an excavation work until he receives the information requested under regulation 19.

Supervision on excavation work

21. Excavation work in the vicinity of a gas installation shall be carried out under the supervision of the relevant competent person in accordance with the class of the gas installation under regulation 4.

Hand digging to confirm location

22. The indicated location of a gas installation shall be confirmed by the person carrying out the excavation work by way of hand digging and he shall expose the gas installation at a sufficient number of locations to determine its exact position

and depth before using mechanised excavation equipment for any purpose other than breaking the surface cover.

Probing with pointed tools prohibited

23.—(1) No person shall probe into the earth by using pointed tools in order to locate a gas installation.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

Gas installation not within the zone prescribed

24.—(1) Where the person doing excavation work finds that the gas installation is not within the zone prescribed under regulation 17, he shall so notify the responsible person or his agent of that fact.

(2) The responsible person or his agent shall, upon being notified under sub regulation (1), assist the person doing excavation to locate and expose the gas installation.

Non-metallic gas installation without tracer wire

25. In case where the existing gas installation of non-metallic material is not provided with tracer wire, the responsible person or his agent shall, upon request by the person carrying out the excavation work, indicate or cause to be indicated the location of the gas installation including all changes in the direction by using stakes or paint or both at intervals of not exceeding 100 meters and regulation 23 shall apply.

Markings to be maintained and keep visible

26.—(1) The person doing the excavation work shall, as the work progresses, maintain and keep visible the markings placed by the responsible person or his agent to identify the location of the gas installation.

(2) Where the maintenance under sub regulation (1) is not feasible, the person doing the excavation work shall make other arrangements to ensure that the location of the gas installation is otherwise identifiable.

Prohibition on excavation work which is damaging to gas installation

27. No person shall carry out or caused to be carried out an excavation work in a manner which is damaging or dangerous to a gas installation.

Use of explosives, etc.

28. A person who intends to make use of explosives or any similar material in the vicinity of a gas installation shall comply with provisions of regulation 18 to 26 and shall, in addition, give three days prior notice in writing of his intention to do so to the Director and the responsible person or his agent.

Verification of information

29. Where an excavation work is not commenced within ten days from the date the information under regulation 19 is given by the responsible person, the person doing the excavation work shall verify the information with the responsible person or his agent before commencing excavation.

Emergency excavations

30. Regulation 18 to 28 shall not apply to an emergency excavation where there may be imminent danger to life, health or property provided that notice of the intended excavation is given to the relevant responsible person or his agent as soon as is practicable.

Service of notice in emergency case

31. In the case of emergency, the responsible person shall notify the Director as soon as practicable, and the notice, if so required under these Regulations, shall be subsequently reduced into writing.

Power of an authorized officer to stop excavation

32.—(1) Any person authorized by the Director in writing (“authorized officer”) may, at any time, order a person to stop excavation near a gas installation if he considers such excavation may damage the gas installation or cause the leakage of gas.

(2) The authorized officer may require a responsible person, installer or the owner of a gas installation to repair any faulty gas pipeline.

Notification of damage

33.—(1) Any person who causes damage to a gas installation shall, whether or not gas is leaking from the installation, immediately notify the Director and the responsible person as soon as is practicable, of the damage.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

Steps to be taken when gas leaks

34.—(1) Any person who causes damage to a gas installation which result in the leakage of gas shall immediately in addition to the measures taken under regulation 33, take steps to—

(a) notify the persons in the premises or near the premises that may be affected by the leakage;

(b) notify the nearest police station and fire services department; and

(c) take all reasonable measures to mitigate the effects of the leakage.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding ten thousand ringgit and, in the case of a continuing offence, to a further fine not exceeding one thousand ringgit for each day or part thereof during which the offence continues after conviction.

Exposure of installation

35.—(1) Any person who exposes a gas installation for more than three meters whilst carrying out an excavation work shall immediately notify the Director or the licensee as soon as is practicable, and shall after that support the gas installation securely on its original line and grade at the intervals of not more than three meters to the satisfaction of the Director or the responsible person.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine of not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

Exposure of fittings

36.—(1) Any person who exposes a bell-and-spigot joint, mechanical coupling, valve or line insulator whilst carrying out an excavation work shall—

- (a) immediately notify the Director of the exposed fitting; and
- (b) support the exposed fitting adequately to the satisfaction of the Director to ensure that no strain is caused to the gas installation.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

Cathodic protection devices

37.—(1) A person working in the vicinity of a gas installation shall take all necessary precautions to ensure that no damage is done to insulators, test wires, sacrificial anodes, anodes beds, rectifier wires and other cathodic protection devices.

(2) Any person who damages or discovers damage caused to a cathodic protection device shall report the damage to the Director or the responsible person, as soon as possible.

Damage to protective wrapping

38.—(1) Any person who damages or discovers the damage caused to the protective wrapping on a gas installation shall—

(a) report the damage to the Director; and

(b) rectify the damage by rewrapping the gas installation in accordance with the manner as may be determined by the Director but the rewrapped gas installation shall not be backfilled until authorized by the Director.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine of not exceeding fifty thousand ringgit and, in the case of a continuing offence, to a further fine not exceeding one thousand ringgit for each day or part thereof during which the offence continues after conviction.

Backfilling

39. Any person who is backfilling an excavation which exposed a gas installation shall—

(a) take precaution so as not to damage the gas installation, its protective wrapping or a cathodic protection device;

(b) thoroughly tamp the backfill under the gas installation;

(c) support the gas installation adequately to the satisfaction of the Director to ensure that it will remain in its original line and grade during the backfilling; and

(d) ensure that the backfilling will not diminish the lateral support of an unexposed gas installation.

Gas pipeline to be above ground level when entering building

40. A service gas pipeline shall be installed above the ground level before the pipeline enters a building or structure except where circumstances render it impracticable.

No work on gas installation until gas is turned off

41.—(1) No person shall install or alter a gas installation where there is a possibility of leakage of gas unless the gas is turned off to eliminate hazards caused by a leakage of gas.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding one hundred thousand ringgit or imprisonment not exceeding two years, or to both.

Turning on and turning off supply

42.—(1) No person shall turn off the gas supply unless all affected consumers are notified except for emergency purposes.

(2) Where the supply has been turned off, no person shall turn it on again until he notifies all the affected consumers of his intention and carefully checks all the outlet and pilots to ascertain whether the supply is turned on or turned off.

Rented premises

43.—(1) The owner of rented premises shall—

(a) display a notice on the safe operation of a gas appliance issued by the competent person upon gas installation process on the premise in a place which is noticeable to a tenant, an occupier or other person using the gas appliance; and

(b) ensure that the gas appliances are maintained in a safe condition.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding one thousand ringgit and for a subsequent offence, shall be punished with a fine of five thousand ringgit.

Odorization

44.—(1) A gas which does not naturally possess a distinctive odour shall have an odorant added to it so that its presence in the atmosphere is readily detectable at a gas concentration of 1/5 of the lower explosive limit or above.

(2) Sub regulation (1) does not apply to any gas delivered for further processing or where the odorant would not act as a warning agent.

Installation of gas pipeline, etc.

45.—(1) Every installation of a gas pipeline shall be made in accordance with these Regulations and in a manner as may be determined by the Director.

(2) No person shall install a gas pipeline, gas fitting or gas equipment in a place where it is likely to be exposed to a substance which may corrode the gas pipeline, gas fitting or gas equipment unless the gas pipeline, gas fitting or gas equipment is constructed from materials resistant to being corroded or it is suitably protected against being so corroded.

Protection against damage to gas pipeline, etc.

46. Any person installing a gas pipeline, gas fitting or gas equipment shall ensure that every part of the gas pipeline, gas fitting or gas equipment is supported and protected from damage.

Alteration or work on premises not to affect existing pipeline

47.—(1) No alteration shall be made on premises which have a gas installation unless it is made in accordance with these Regulations and in the manner as may be determined by the Director.

(2) No person shall carry out work which would affect a gas pipeline or vent where the use of the gas pipeline may cause danger to a person or property.

Not to use gas pipeline for earth connection, etc.

48. No person shall use a gas pipeline or any part of a gas installation for earth connection or as an electrical earth-continuity conductor or in any manner that may cause danger to the premise or the public.

Installation of new gas installation

49.—(1) Any person who install a new gas installation shall ensure that the gas installation is tested for gas tightness.

(2) Upon compliance with subsection (1), the person shall carry out purging by using an inert gas throughout the entire gas installation in order to remove all air or other gas mixture.

(3) All gas pipe outlet shall be sealed off with appropriate fitting once it is not used.

(4) A loose connection in a gas installation used in the purging procedure shall be retightened, retested for gas tightness and sealed after the purging procedure.

(5) Upon the commissioning of the gas installation, the gas to be supplied through the installation shall be conveyed into the entire gas installation to remove all the inert gas present in the gas pipeline.

Work on existing gas installation

50.—(1) Before any work is carried out on an existing gas installation, the person intended to carry out the work shall—

(a) obtain a written consent to carry out work from the owner of the gas installation;

(b) submit the work procedure approved by the competent person together with the written consent by the owner to the Director for final approval;

(c) cordon the affected area and cause a reasonable number of notices displaying the words “**GAS WORK IN PROGRESS**” and “**NO SMOKING**” to be placed in conspicuous positions in the cordoned area;

(d) have a reasonable number of suitable fire extinguishers ready to be used in the work area;

(e) isolate the affected part of the gas installation from the unaffected parts; and

(f) purge gas from the affected part of the gas installation and ensure that no gas remains in the installation and the surrounding area.

(2) After complying with subsection (1) the person carrying out the works shall ensure that—

(a) the work is carried out only on the gas installation within the cordoned area;

(b) only authorized personnel are allowed to be within the cordoned area;

(c) the work is carried out in accordance with the work procedure that has been approved; and

(d) the workers are provided with the necessary personal protective equipment.

(3) After the work has been carried out, the person installing the gas installation shall—

(a) ensure that the gas installation is tested for gas tightness;

(b) purge the affected gas installation by using inert gas; and

(c) ensure the sub regulations 49(3), (4) and (5) are complied with.

Marking of gas pipeline for identification

51.—(1) Any person installing a gas pipeline shall mark the gas pipeline in the manner as prescribed in Figure 4 of the Fourth Schedule so that upon inspection the gas pipeline is identifiable as a gas pipeline for conveying gas.

(2) The marking in sub regulation (1) shall be maintained and identifiable by the responsible person or his representative for so long the gas pipeline is in operation.

Duties of a responsible person or his representative where there is an escape of gas

52.—(1) If the responsible person or his representative knows or has reason to suspect that gas is escaping into the premises, he shall immediately take all reasonable steps to cause the supply of gas to be shut off to prevent further escape of gas.

(2) If gas continue to escape into the premises after the supply of gas has been shut off or when a smell of gas persists, the responsible person or his representative shall immediately notify the Director.

Shutting off gas supply for safety reasons

53.—(1) Where the supply of gas is shut off in any premises for safety reasons, it shall not be restored until all necessary steps are taken by the responsible person or his representative to ensure that gas can be resupplied without causing danger to any person or property.

(2) Rectification work on the supply of gas shall be carried out by a competent person or any other person with the supervision of a competent person.

(3) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

PART III

**CERTIFICATE OF COMPETENCY, CERTIFICATE OF PRACTICE,
REGISTRATION AND EXAMINATION**

Chapter 1— Certificate of Competency, Certificate of Practice and Registration of a Competent Person, etc.

Competent person to carry out work on gas pipeline, etc.

54.—(1) No person shall engage in or be employed in any work on a gas pipeline or gas installation unless he holds a Certificate of Competency and a valid Certificate of Practice issued under these Regulations or he works under the control of a competent person.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

Application for Certificate of Competency, Certificate of Practice, Registration of a competent person, etc.

55. A person may apply for a Certificate of Competency, a Certificate of Practice and to be registered as a competent person by completing and submitting the prescribed forms as may be determined by the Director together with the documents as may be required by the Director from time to time.

Issuance of a Certificate of Practice and Registration of a competent person, etc.

56.—(1) The Director may issue a Certificate of Practice as prescribed in Forms E or F of the First Schedule to any holder of a Certificate of Competency upon his application in regulation 55.

(2) A Certificate of Practice issued under sub regulation (1) above and the registration as a competent person under regulation 55 shall be valid for a period of twelve months and shall be renewed annually subject to the payment of fees as prescribed in Part II of the Third Schedule.

(3) For the purposes of this regulation, the Director shall keep a Register of all competent persons.

(4) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

Restriction or endorsement of Certificate of Practice

57. The Director may in his discretion—

(a) restrict the use of a Certificate of Practice to a type, class, duration or location of installation;

(b) endorse a Certificate of Practice to permit the holder to test and certify a gas installation on the condition that he has shown sufficient knowledge and experience in carrying out such work to the satisfaction of the Director;

(c) impose any other endorsement on a Certificate of Practice issued under these Regulations as the Director deems necessary; and

(d) impose a fee payable for the removal of any restriction or endorsement on a Certificate of Practice as prescribed in Part II of the Third Schedule.

Issuance of a Certificate of Competency and scope of works of competent person

58.— (1) The Certificate of Competency shall be issued in the prescribed Forms G or H of the First Schedule, as the case maybe, in accordance with the types of competent person as—

- (a) a Gas Engineer;
- (b) a Gas Engineering Supervisor; or
- (c) a Gas Fitter of Class I, Class II or Class III.

(2) A competent person shall carry out work in accordance with the scope of works of a competent person as prescribed in Table 2 of the Second Schedule.

(3) The Certificate of Competency shall remain valid until suspended or cancelled under the Ordinance or these Regulations.

Temporary Certificate of Practice

59.—(1) Subject to these Regulations and any conditions as the Director may think fit to impose, the Director may, upon payment of the fee prescribed in Part II of the Third Schedule, issue a temporary Certificate of Practice to a foreign person if he satisfies the Director—

- (a) that he possesses the necessary qualification and skill which is recognized for the practice of gas engineering in the country where he normally practices;
- (b) that he possesses the necessary expertise and his physical presence is required in Malaysia; and
- (c) that he has the necessary work permit issued by the relevant authority.

(2) Notwithstanding sub regulation (1), before a foreign person may be considered for the purpose registration as a Gas Engineer, he shall be registered temporarily as a Professional Engineer with the Board of Engineers under the Registration of Engineers Act 1967.

(3) A temporary Certificate of Practice shall be valid for a period of twelve months.

(4) A foreign person whose Certificate of Practice has expired may apply for renewal subject to the provisions of these Regulations and the Director may renew such certificate as he deems fit.

(5) For the purpose of these Regulations, “foreign person” means a person who is not a citizen or a permanent resident of Malaysia.

(6) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

Registration of a foreign person

60.—(1) A foreign person who has been issued with temporary Certificate of Practice under regulation 59 shall, subject to the payment of fee prescribed in Part II of the Third Schedule, be registered as a competent person by the Director.

(2) Registration as a competent person under sub regulation (1) shall be valid for a period of twelve months and shall be renewed annually subject to the payment of fees as prescribed in Part II of the Third Schedule.

(3) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding fifty thousand ringgit or imprisonment not exceeding one year, or to both.

Suspension or revocation of a Certificate of Practice

61.—(1) The Director may, upon his own knowledge or upon receiving a complaint from any person that the holder of a Certificate of Practice has committed any breach, non-compliance, serious misconduct or offence under the Ordinance, or any regulations made thereunder, take necessary steps to enquire into the matter.

(2) For the purpose of making an enquiry under sub regulation (1), the Director shall appoint a Committee consisting of a Chairman and two other authorized officers to investigate and make recommendations to the Director.

(3) The Director shall, before suspending or revocation the Certificate of Practice, give the holder of the Certificate of Practice, a notice in writing of his intention to do so and calling upon the holder to show cause, within fourteen days from the receipt of such notice, as to why such Certificate should not be suspended or revoked.

(4) Where the Director is not satisfied that cause has been shown, the Director may—

(a) suspend the Certificate for a period as to which the Director deem fit; or

(b) revoke such Certificate.

(5) The Director shall convey his decision in sub regulation (4) to the holder of the Certificate and the Board of Examiners in writing.

(6) (a) Upon the suspension of the Certificate in sub regulation (4)(a), the Director shall by notice in writing to the holder requiring him to rectify or remedy any breach or non-compliance within a reasonable period.

(b) If the Director is satisfied that the holder has rectified or remedied the breach or non-compliance, the suspension may be lifted on terms and conditions to be imposed by the Director as he deems fit.

(c) In the event that the Director is not so satisfied, the Director may by notice in writing to the holder revoke the Certificate.

(7) The holder of the Certificate of Competency may, within twenty-one days after being notified of such decision in sub regulation (5), appeal in writing to the Minister, whose decision shall be final and conclusive.

(8) For the purpose of sub regulation (1), "serious misconduct" means one or more of the following:

(a) causing damage to equipment by careless operation;

(b) causing danger to life by careless operation;

(c) causing damage to equipment by neglecting to use safety devices provided;

(d) causing danger to life by neglecting to use safety devices provided;

(e) being under the influence of alcohol or drugs or both whilst on duty;

(f) making or causing to be made a false or fraudulent declaration, certification or representation, either in writing or otherwise; and

(g) guilty of an act or omission amounting to a failure to carry out his duties diligently and posing danger to life and property.

Effect of suspension and revocation of the Certificate of Practice

62.—(1) Upon suspension or revocation of the Certificate of Practice, the Director shall suspend or revoke the name of the holder from the Register.

(2) The holder of the Certificate of Practice shall not engage or be employed in any work on a gas pipeline or gas installation, except in the case of suspension, until such suspension is lifted.

Chapter 2 — Examination to qualify as a Competent Person

Board of Examiners

63.—(1) There shall be a Board of Examiners to be appointed by the Minister, consisting of —

- (a) a Chairman; and
- (b) a deputy Chairman

from amongst members of the public service; and

(c) not more than 3 other members having the necessary expertise and experience from amongst the industry including from academic institutions.

(2) The appointments in sub regulation (1) shall be for a period of not more than 3 years and the members shall be eligible for reappointment.

(3) The terms of appointment including remuneration shall be determined by the Minister from time to time.

(4) The Director shall be Secretary to the Board.

Powers and Functions of the Board

64. The Board shall have the following powers and functions:

- (a) to provide for the management and conduct of the examinations;
- (b) to determine the syllabus for the examinations;
- (c) to award a Certificate of Competency under regulation 56;
- (d) to modify, suspend or cancel the Certificate of Competency;
- (e) to issue Certificate of Exemption under regulation 69;
- (f) to decide on the qualifications and eligibility of a person, if any, other than those set out in Table 3, which may entitle a person to become a competent person for the purpose of these Regulations; and
- (g) any other powers and functions necessary and incidental in order to carry out into effect the functions of the Board or any direction given by the Minister not inconsistent with these Regulations.

Syllabus for Examinations

65. The syllabus referred to in regulation 64(1)(b) shall contain related topics to equip persons sitting for the examinations with the knowledge of gas engineering practices including the principles of operation of the equipment used for production, transmission, distribution, utilization, metering and maintenance of a gas pipeline or gas installation and that he has sufficient knowledge of the Ordinance and the regulations made thereunder.

Application to sit for examination

66.—(1) Any application to sit for examination shall be made in writing in the manner as may be determined by the Board and shall be subjected to the payment of a prescribed fee in Part II of the Third Schedule.

(2) An application under sub regulation (1) shall be considered by the Board who shall decide whether or not the applicant is eligible to sit for the examination and the Board shall notify the applicant of its decision, in writing.

Examination, eligibility, etc.

67.—(1) No person shall sit for the examination unless he is an eligible person as prescribed in Table 3 of the Second Schedule and may sit for the examination upon payment of the prescribed fee in Part II of the Third Schedule.

(2) Notwithstanding sub regulation (1) above, the Board may, in its discretion, exempt a person from any or all of the requirements necessary for a person to be eligible to sit for the examinations.

(3) The Board shall award a Certificate of Competency in accordance with regulation 56 to a candidate who has passed the relevant examination.

Failure in examination

68. When a candidate fails in an examination, the Board may, in its discretion, refuse to grant permission to the candidate to sit for the examination again until the expiry of a period not exceeding six months as the Board may deem appropriate.

Certificate of Exemption

69.—(1) The Board may, in its discretion, exempt from the whole or part of the examination, any candidate who is a resident of Malaysia and who is the holder of a Certificate of Competency which, in the opinion of the Board, is equivalent to the corresponding Certificates issued under these Regulations.

(2) The person under sub regulation (1) may be recommended to be issued an appropriate Certificate of Exemption as prescribed in Form I or Form J of the First Schedule respectively upon payment of the fee as prescribed in Part II of The Third Schedule.

(3) Any person who is issued with a Certificate of Exemption by the Board in under sub regulation (2) shall submit such certificate to the Director for the issuance of a Certificate of Practice.

Suspension or revocation of Certificate of Competency

70. The Board, upon being conveyed on the decision of the Director in regulation 61(5), shall suspend or revoke the Certificate of Competency of the said holder whose Certificate of Practice has been suspended or revoked by the Director.

Chapter 3 — Registration of Gas Contractor

Gas Contractor

71. —(1) Any person who undertakes a contract to provide labour to perform a work in respect of installing, constructing, testing, commissioning, calibrating, maintaining, repairing or operating a gas pipeline or gas installation or part of it unless he holds a valid Certificate of Registration as a Gas Contractor issued under these Regulations.

(2) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding one hundred thousand ringgit or imprisonment not exceeding two years, or to both.

Classification of Gas Contractor and scope of work

72.—(1) A Gas Contractor registered under these Regulations shall be classified into the following classes—

- (a) Class A Gas Contractor;
- (b) Class B Gas Contractor;
- (c) Class C Gas Contractor; or
- (d) Class D Gas Contractor.

(2) A Gas Contractor shall undertake the work in accordance with the competency of the competent persons employed by the Gas Contractor and the scope of works prescribed in Table 4 of the Second Schedule.

Requirements for registration as a Gas Contractor

73. —(1) The Director shall, upon the payment of fee prescribed in Part II of the Second Schedule, issue a Certificate of Registration as a Gas Contractor as prescribed in Form K of the First Schedule if he is satisfied that—

(a) the person has registered his business with the Registrar of Business or Companies Commission of Malaysia, as the case may be;

(b) the person employs competent person as specified in Table 5 of the Second Schedule on full time basis;

(c) the person has an insurance coverage for his employees under the Employees Social Security Act 1969; and

(d) The person is in possession of suitable equipment, testing equipment and instruments related to his work as determined by the Director.

(2) The Certificate of Registration as a Gas Contractor be valid for a period of twelve months shall be renewed not less than two months before its expiry date subject to the payment of fees as prescribed in Part II of the Third Schedule.

Information required for registration as a Gas Contractor

74. Before issuing or renewing a certificate of Registration as a Gas Contractor, the Director shall require the person to submit the following information:

(a) the names and addresses of all partners in the case of registered partnership and of all directors, managers and shareholders in the case of registered company;

(b) the premises rented or owned for carrying on the business; and

(c) any other information as the Director deems necessary.

Cancellation of Certificate of Registration

75.—(1) The Director may cancel a Certificate of Registration as a Gas Contractor if—

(a) the holder of a Certificate ceases to carry on the business in respect of which he is registered;

(b) the holder of a Certificate has been adjudicated a bankrupt;

(c) where the holder of the certificate is a company, that company goes into liquidation; or

(d) the holder of a Certificate or his servant or agent contravenes or fails to comply with the Ordinance or these Regulations.

(2) Where a Certificate of Registration is cancelled by the Director pursuant to sub regulation (1), the Certificate shall be returned to the Director by the holder of the Certificate within fourteen days of the notification in writing of the cancellation.

Removal or reinstatement of Gas Contractor from Register

76.—(1) The name and other particulars of a person who is registered as a Gas Contractor shall be removed from the Register if—

(a) the person fails to renew his registration on the date of its expiry; or

(b) his registration has been cancelled under these Regulations.

(2) A person aggrieved by the decision of the Director, may within 30 days from the date of notification of the decision, appeal to the Minister against the decision of the Director whose decision shall be final.

PART IV

GAS FITTINGS, GAS APPLIANCES AND GAS EQUIPMENT

Test and certification of gas fittings, gas appliances or gas equipment, etc.

77.—(1) No person shall assemble, manufacture, import, sell or use a gas fitting, gas appliance or gas equipment unless it has been tested and certified by the Director, its agent or any person accredited by the Government.

(2) The Director shall issue a Certificate of Approval of a gas fitting, gas appliance or gas equipment as prescribed in Form N of the First Schedule upon application made by the applicant.

(3) The Certificate of Approval under sub regulation (2) shall be valid for a period of twelve months from the date of its issuance as stated in the Certificate and shall be renewed not later than two months before its expiry subject to the payment of fees as prescribed in Part II of the Third Schedule.

(4) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding thirty thousand ringgit in the case of a first offence and to a further fine of fifty thousand ringgit in the case of subsequent offence.

Samples of gas fittings, gas appliances or gas equipment for test and approval

78.—(1) Upon submitting an application for the issuance of the Certificate of Approval in regulation 77(2), the applicant shall deliver to the Director sample of the gas fitting, gas appliance or gas equipment for the purpose of testing and certification under regulation 77 and other information in connection with it, including drawings, photographs, pamphlets and technical literature, as the Director may require.

(2) A sample delivered under sub regulation (1) shall be attached or affixed with a label containing the following particulars:

- (a) the full name and address of the applicant;
- (b) the nature of the sample; and
- (c) the catalogue or type number of the manufacturer, or any other means of distinguishing the sample.

(3) The Director shall not be liable for loss or damage caused to a sample delivered under sub regulation (1).

(4) The Director may appoint any person or agent to be delivered with the sample under this regulation.

Test of sample

79.—(1) The Director shall cause one or more samples delivered under regulation 78 to be tested before issuing a Certificate of Approval under regulation 77(2).

(2) Where the Director considers the sample tested under sub regulation (1) is likely to cause danger, the Director shall inform the applicant to modify the sample in writing and the applicant shall, after modifying such sample accordingly, submit the modified sample to the Director.

(3) The Director may appoint any person or agent to test the sample under this regulation.

(4) Where the Director, in his opinion that the gas fitting, gas appliance or gas equipment is unsafe or dangerous for use, the Director may prohibit the use or sale of and seize and remove the gas fitting, gas appliance or gas equipment whenever necessary.

(5) The Director shall not be liable for loss or damage caused to the gas fitting, gas appliance or gas equipment delivered, seized and removed under this regulation.

Certificate of Approval for an assembler, manufacturer or importer of gas fittings, gas appliances and gas equipment

80.—(1) No person shall assemble, manufacture, import a gas fitting, gas appliances or gas equipment without an approval from the Director.

(2) The Director shall issue a Certificate of Approval to assemble, manufacture or import a gas fitting, gas appliances or gas equipment as prescribed in Forms L or M respectively of the First Schedule respectively upon application made by the applicant.

(3) The Certificate of Approval under sub regulation (2) shall be valid for a period of twelve months from the date of its issuance as stated in the Certificate and an shall be renewed two months before its expiry subject to the payment of fees as prescribed in Part II of the Third Schedule.

(4) Any person who contravenes this regulation shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding fifty thousand ringgit in the case of a first offence and to a further fine of one hundred thousand ringgit in the case of subsequent offence.

Marking or labelling of approved gas fitting, gas appliance or gas equipment

81.—(1) Where a gas fitting, gas appliance or gas equipment has been approved for assemble, manufacture, import, sale or use by the Director, the holder of a Certificate of Approval issued under regulation 77(2) shall mark the gas fitting, gas appliance or gas equipment in the manner to be determined by the Director.

(2) Where the Director is of the opinion that a gas fitting, gas appliance or gas equipment approved under these Regulations cannot be marked in the manner as in sub regulation (1) due to the nature of the gas fitting, gas appliance or gas equipment, the Director may allow the marking to be made on a container or a label affixed to a bundle in which the gas fitting, gas appliance or gas equipment is contained or in any other manner which may be determined by the Director, from time to time.

Easy access to gas appliances

82. No person shall install a gas appliance except in such a manner that is easily accessible for operation, inspection and maintenance.

Testing of gas appliances in a premise

83.—(1) If a person installed a gas appliance at a time when gas is being supplied to the premises where the gas appliances is to be installed, he shall immediately after that, test the connection to the gas appliance to verify that the connection is gas-tight and examine the gas fitting, gas equipment, other works for the supply of gas and flue or means of ventilation to be used in connection with the gas appliance for the purpose of ascertaining whether—

(a) the gas appliance has been installed in compliance with these Regulations;

(b) the operating pressure is as recommended by the manufacturer;

(c) the gas appliance has been installed in compliance with the manufacturer's instructions relating to the use of the gas appliance; and

(d) all gas safety controls are in a proper working order.

(2) If a person carrying out a test or examination in relation to a gas appliance determines that adjustments are necessary to ensure compliance with the requirements specified in sub regulation (1), he shall either carry out those adjustments or disconnect the supply of gas to the gas appliances.

(3) No person shall install a gas appliance in a premise without testing the connection to the gas appliance for gas tightness.

(4) No person shall install a gas appliance without first ascertaining that all the gas safety controls are in proper working order.

Gas appliance safety precautions

84.—(1) No person shall install a gas appliance unless—

(a) the gas fitting and the gas equipment to be used in connection with the gas appliance is in the condition which ensures that the gas appliance can be used without causing danger to a person or property;

(b) the general conditions of installation including the stability of the gas appliance and its connection to any other gas fitting are such that the appliance can be used without causing danger to a person or property;

(c) the gas appliance can be used safely when it is connected to the gas supply; and

(d) there is a method of shutting off the supply of gas to the gas appliance.

(2) Notwithstanding sub regulation (1), the person shall also ensure that—

(a) there are means of removal of the products of combustion from the gas appliance;

(b) there is sufficient permanent supply of air for the gas appliance for proper combustion;

(c) there is sufficient ventilation to the room or the internal space in which the gas appliance is to be used; and

(d) the installation is made in accordance with these Regulations.

Unsafe gas appliances

85. No person shall use a gas appliance or permit a gas appliance to be used if he knows or has reason to suspect that—

(a) there is sufficient supply of air available for the gas appliance for proper combustion at the point of combustion;

(b) the removal of the products of combustion from the gas appliance is not being or cannot be safely carried out;

(c) the room or internal space in which the gas appliance is situated is not adequately ventilated for the purpose of providing air containing sufficient oxygen for the purpose present in the room or in the internal space, or in the vicinity of the internal space while the gas appliance is in use;

(d) gas is escaping from the gas fitting or gas equipment used in connection with the gas appliance; or

(e) the gas appliance or any part of it, the gas fitting or gas equipment connected thereto cannot be used safely.

Irreparable gas appliance

86.—(1) A person who finds a gas appliance beyond repair or in an unsafe condition shall discontinue using the gas appliance and shall immediately notify the Director or an authorized officer of its conditions and location.

(2) If the notification under sub regulation (1) is made verbally, the person shall immediately after that reduce it to writing and shall state all the relevant facts.

**PART V
MISCELLANEOUS**

Loss or damage of a certificate

87. The Director may, upon production of a statutory declaration by the holder of any certificate issued under these Regulations that the original certificate has been lost, stolen or destroyed or upon surrender of the mutilated or defaced original certificate, replace such original certificate subject to the payment of fee as prescribed in Part II of the Third Schedule.

Offence

88.— (1) Any person who by act or omission contravenes any provision of these Regulations shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding one hundred thousand ringgit or imprisonment not exceeding two years, or to both.

(2) Where a person charged with an offence under this Regulation is a body corporate, every person who, at the time of the commission of such offence, is a director or officer of that body corporate may be charged jointly in the same proceedings with the body corporate, and where the body corporate is convicted of the offence charged, every such director or officer shall be deemed to be guilty of the offence.

Power to amend Schedules

89. The Majlis Mesyuarat Kerajaan Negeri may, by notification in the gazette, amend the Schedules.

Saving

90. Any application or interim certificates issued by the Government for the purpose of installation and competency under these Regulations pending immediately before the date of commencement of these Regulations shall be deemed to have been made or issued under these Regulations.

FIRST SCHEDULE

FORM A
CERTIFICATE OF COMPLETION
(Regulation 8)

1. Name and address of owner:
2. Location of installation:
3. Application reference No.: 4. Date of application:
5. Contractor: 6. Competent Person:
- (i) Name: (i) Name:
- (ii) Address: (ii) I/C No.:
- (iii) Registration No.:
- (iii) Registration No.:

I hereby certify that the above installation has been installed and completed on 20..... in accordance with the provision of the Distribution of Gas Ordinance, 2016 [*Cap. 72*] and the Distribution of Gas (Installation and Competency) Regulations, 2021 [*Swk. L.N. 273/2021*].

Signed by;

Witnessed by;

.....
(Name:)

.....
(Name:.....)

Stamp and Signature of Competent Person

Stamp and Signature of Owner/Representative

Date:

Date:

FORM B
TEST CERTIFICATE
 (Regulation 9(2))

1. Name and address of owner:

2. Location of installation:

3. Application reference No.: 4. Date of application:

5. Contractor: 6. Competent Person:

(i) Name: (i) Name:

(ii) Address: (ii) IC No.:

..... (iii) Registration No.:

.....

(iii) Registration No.:

7. Holiday Test: 8. Leak Test:

(i) Date: (i) Date:

(ii) Test equipment: (ii) Medium:

(iii) Please attach detail and results of test (iii) Please attach detail and results of test

Remarks: Remarks:

I hereby certify that the above installation have been tested on.....20.....

in accordance with the provision of Distribution of Gas Ordinance, 2016 [*Cap. 72*] and the Distribution of Gas (Installation and Competency) Regulations, 2021 [*Swk. L.N. 273/2021*].

Signed by; Witnessed by;

.....

(Name:.....) (Name:.....)

Stamp and Signature of Competent Person Stamp and Signature of Owner / Representative

Date:..... Date:.....

FORM C
NOTICE OF WORK ON A GAS INSTALLATION
 (Regulation 10)

1. Name and address of licensee:

.....

2. License No.: 3. Location of installation:

4. Type of work to be done:

5. Contractor: 6. Competent Person:

(i) Name: (i) Name:.....

(ii) Address: (ii) IC No.:

.....

(iii) Registration No.: (iii) Registration No.:

I hereby notify that in accordance with the Distribution of Gas Ordinance, 2016 [*Cap. 72*] and regulation 10 of the Distribution of Gas (Installation and Competency) Regulations, 2021 [*Swk. L.N. 273/2021*] the above work will be carried out at the above location of installation.

Date:

(Stamp and Signature of Licensee)

Note:

In the case of any installation or alteration is to be carried out on an existing gas installation, the competent person shall submit a working procedure to the Director of Gas Distribution.

SARA WAKLAWNET

FORM D
NOTICE OF INSPECTION AND TEST OF LEAKAGE OF GAS
(Regulation 14(1))

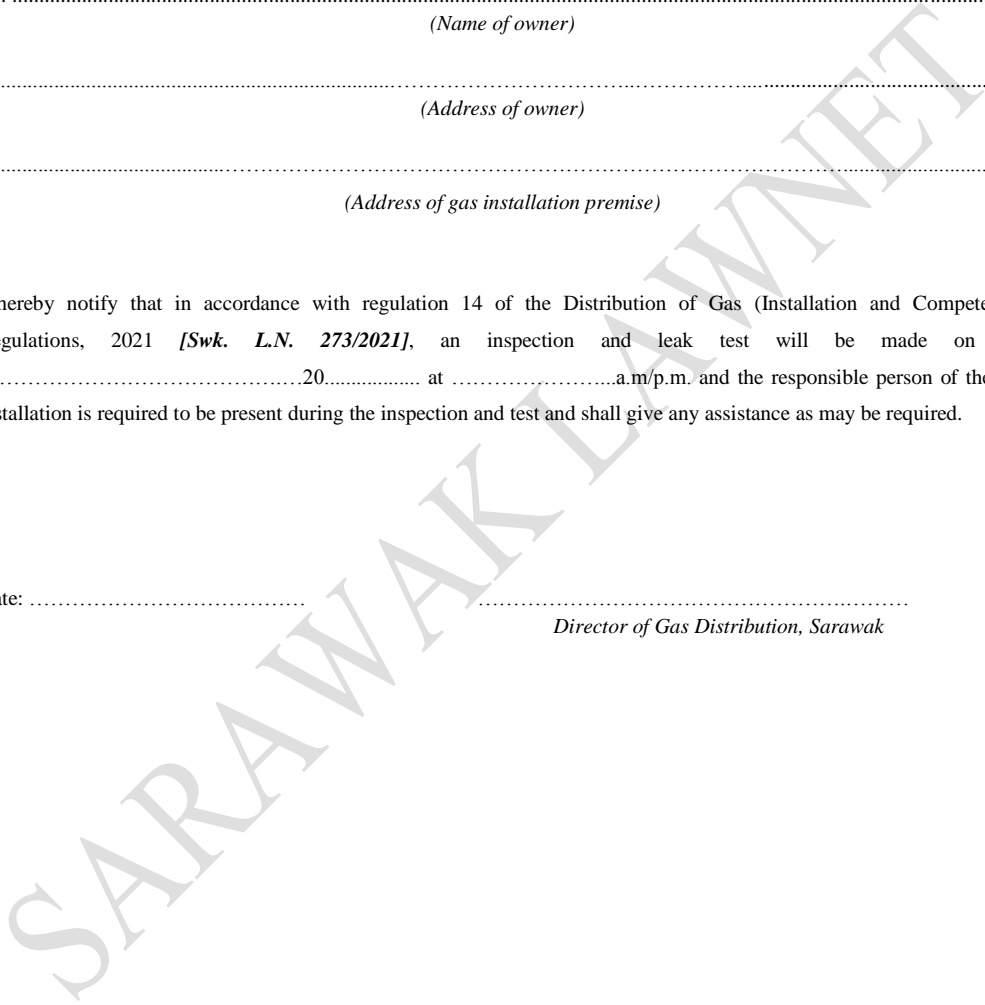
To:
(Name of owner)

of
(Address of owner)

of
(Address of gas installation premise)

I hereby notify that in accordance with regulation 14 of the Distribution of Gas (Installation and Competency) Regulations, 2021 [Swk. L.N. 273/2021], an inspection and leak test will be made on the20..... ata.m/p.m. and the responsible person of the gas installation is required to be present during the inspection and test and shall give any assistance as may be required.

Date:
.....
Director of Gas Distribution, Sarawak



FORM G
CERTIFICATE OF COMPETENCY AS
GAS ENGINEER/GAS ENGINEERING SUPERVISOR
 (Regulation 58(1))

Name:

Identity Card No.:

Date of Birth:

has been examined and found to possess the qualifications prescribed by the Distribution of Gas (Installation and Competency) Regulations, 2021 [Swk. L.N. 273/2021]. This Certificate of Competency as a GAS ENGINEER/ GAS ENGINEERING SUPERVISOR is issued to him/her and shall not be used by any other person.

RESTRICTION, IF ANY: *

(a) GAS ENGINEER

(b) GAS ENGINEERING SUPERVISOR

(c) Others:

Place of issue :

Date of issue :

Fee : RM

PHOTO

.....
 Holder's Signature or thumbprint

.....
 Director of Gas Distribution, Sarawak

Note:

If this Certificate comes into the possession of any person other than the person to whom it was issued, it shall be returned immediately to the Director of Gas Distribution, Sarawak.

* Delete whichever is not applicable.

FORM H
CERTIFICATE OF COMPETENCY GAS FITTER
 (Regulation 58(1))

Name:

Identity Card No.:

Date of Birth:

has been examined and found to possess the qualifications prescribed by the Distribution of Gas (Installation and Competency) Regulations, 2021 [Swk. L.N. 273/2021]. This Certificate of Competency as a GAS FITTER is issued to him/her and shall not be used by any other person.

RESTRICTION, IF ANY: *

- (a) CLASS I
- (b) CLASS II
- (c) CLASS III
- (d) Others.

Place of issue :

Date of issue :

Fee : RM.....

PHOTO

 Holder's Signature or Thumbprint

 Director of Gas Distribution, Sarawak

Note:

If this Certificate comes into the possession of any person other than the person to whom it was issued, it shall be returned immediately to the Director of Gas Distribution, Sarawak.

* Delete whichever is not applicable.

FORM K
CERTIFICATE OF REGISTRATION OF GAS CONTRACTOR
 (Regulation 73(1))

In accordance with Regulation 73(1) of the Distribution of Gas (Installation and Competency) Regulations, 2021 [Swk. L.N. 273/2021], this Certificate is issued to

.....

 (Name, I/C No. and Address of Holder)

on behalf of
 (Name of Business)

and authorizes the holder to carry out the business as a Gas Contractor of
 CLASS A/CLASS B/CLASS C/CLASS D * at.....

 (Address of business and branches)

for a period of twelve months from date of issue or renewal * shown below:

Place of issue/renewal* :

Date of issue/renewal* :

Registration No. :

Fee : RM.....

PHOTO

.....
 Holder's Signature or Thumbprint

.....
 Director of Gas Distribution, Sarawak

Note:

1. Renewal of registration shall be made in not less than two months before the date of expiry of registration.
2. If this Certificate comes into the possession of any person other than the person to whom it was issued, it shall be returned immediately to the Director of Gas Distribution, Sarawak.

*Delete whichever is not applicable.

FORM L
CERTIFICATE OF APPROVAL TO MANUFACTURE/ASSEMBLE
GAS FITTING/APPLIANCE /EQUIPMENT
(Regulation 80(2))

In accordance with Regulation 80(2) of the Distribution of Gas (Installation and Competency) Regulations, 2021 [Swk. L.N. 273/2021], this Certificate is issued to

.....
.....
(Name, IC No. and Address of Holder)

on behalf of
(Name of manufacturer/assembler)

and authorizes the holder to manufacture/assemble* gas fitting/gas appliance/gas equipment*
at
.....
(Address of business)

for a period of twelve months from date of issue or renewal shown below:

Place of issue/renewal* :

Date of issue/renewal* :

Registration No. :

Fee : RM.....

PHOTO

Note:

1. Renewal of registration shall be made in not less than two months before the date or expiry of registration.
2. If this Certificate comes into the possession of any person other than the person to whom it was issued, it shall be returned immediately to the Director of Gas Distribution, Sarawak.

**Delete whichever is not applicable.*

FORM M
CERTIFICATE OF APPROVAL TO IMPORT
GAS FITTING/GAS APPLIANCE/GAS EQUIPMENT

(Regulation 80(2))

In accordance with regulation 80(2) of the Distribution of Gas (Installation and Competency) Regulation, 2021 [Swk. L.N. 273/2021], this Certificate is issued to

.....

(Name, I/C No. and Address of Holder)

on behalf of.....
 (Name of importer)

and authorizes the holder to import gas fitting/appliance equipment *

.....

(Address of importer)

for a period of twelve months from date of issue or renewal shown below:

Place of issue/renewal* :

Date of issue/renewal* :

Registration No. :

Fee : RM.....

PHOTO

.....
 Holder's Signature or Thumbprint

.....
 Director of Gas Distribution, Sarawak

Note:

1. Renewal shall be made in not less than two months before the date of expiry of the Certificate.
2. If this Certificate comes into the possession of any person other than the person to whom it was issued, it shall be returned immediately to the Director of Gas Distribution, Sarawak.

*Delete whichever is not applicable.

FORM N
CERTIFICATE OF APPROVAL
GAS FITTING/GAS APPLIANCE / GAS EQUIPMENT

(Regulation 77(2))

In accordance with regulation 77 (2) of the Distribution of Gas (Installation and Competency) Regulations, 2021 [Swk. L.N. 273/2021], I hereby approve the following item for sale and use:

Description of gas fitting/gas appliance/gas equipment*:

Name/Brand:
 Type:
 Model:

This approval is issued to:

 (Name., I/C No and Address of the Holder)

on behalf of.....
 (Company)

Place of issue/renewal* :
 Date of issue/renewal* :
 Approval No. :
 Fee :RM.....

.....
 Holder's Signature or Thumbprint

.....
 Director of Gas Distribution, Sarawak

Note:

If this Certificate comes into the possession of any person other than the person to whom it was issued, it shall be returned immediately to the Director of Gas Distribution, Sarawak.

*Delete whichever is not applicable.

SECOND SCHEDULE

TABLE 1

CLASSIFICATION OF GAS INSTALLATION
(Regulation 4)

<i>No.</i>	<i>Class of Installation</i>	<i>Criteria of Classification</i>
1.	Class I	<p><i>Natural Gas (NG):</i></p> <p>Installation with maximum operating pressure exceeding 60 psig</p> <hr/> <p><i>Liquefied Petroleum Gas (LPG):</i></p> <p>(a) Installation with storage tank exceeding 10 kl aggregate water capacity on land and all installations with underground storage tanks;</p> <p>and</p> <p>(b) Pipelines with maximum operating pressure exceeding 20 psig after first stage regulator.</p>
2.	Class II	<p><i>Natural Gas (NG):</i></p> <p>Installation with maximum operating pressure of more than 5 psig but not exceeding 60 psig.</p> <hr/> <p><i>Liquefied Petroleum Gas (LPG):</i></p> <p>(a) Installation with storage tank not exceeding 10 kl aggregate water capacity on land;</p> <p>or</p> <p>(b) Installation with manifold cylinders exceeding 2.5 kl aggregate water capacity (vapour withdrawal or vapour and liquid withdrawal with vaporizer);</p> <p>and</p> <p>(c) Pipeline with maximum operating pressure of over 5 psig but not more than 20 psig after first stage regulator.</p>
3.	Class III	<p><i>Natural Gas (NG):</i></p> <p>Installation with maximum operating pressure not exceeding 5 psig.</p> <hr/> <p><i>Liquefied Petroleum Gas (LPG):</i></p> <p>(a) Installation with manifold cylinders not exceeding 2.5 kl aggregate water capacity (vapor withdrawal only);</p> <p>and</p> <p>(b) Pipeline with maximum operating pressure not exceeding 5 psig after first stage regulator.</p>

TABLE 2
SCOPE OF WORKS OF COMPETENT PERSON
 (Regulations 8, 9(2), and 58(2))

<i>No.</i>	<i>Competent Person</i>	<i>Endorsement of Plan</i>	<i>Endorsement of Certificate of Completion</i>	<i>Endorsement of Test Certificate</i>	<i>Repair of gas installation</i>	<i>Maintenance of gas installation</i>
1.	Gas Engineer	All Classes of gas installation	All Classes of gas installation	All Classes of gas installation	All Classes of gas installation	All Classes of gas installation
2.	Gas Engineering Supervisor	Class II and Class III gas installation	All Classes of gas installation	All Classes of gas installation	All Classes of gas installation	All Classes of gas installation
3.	Gas Fitter					
	(a) Class I	Class III gas installation	Class II and Class III gas installation	Class II and Class III gas installation	Class II and Class III gas installation	Class II and Class III gas installation
	(b) Class II	Class III gas installation	Class III gas installation	Class III gas installation	Class III gas installation	Class III gas installation
	(c) Class III		Class III gas installation (repair work only)	Class III gas installation (repair work only)	Class III gas installation	Class III gas installation

TABLE 3
ELIGIBILITY TO SIT FOR EXAMINATION
AND TO BE ISSUED WITH CERTIFICATE OF COMPETENCY
(Regulations 64(f) and 66(2))

No.	Competent Person	General Requirements	Special Requirements
1.	Gas Engineer	<p>(a) that he is a Malaysian citizen;</p> <p>(b) that he has not less than two years working experience in gas pipeline or gas installation work;</p>	<p>(a) that he is a Professional Engineer registered with the Board of Engineers under the Registration of Engineers Act 1967;</p> <p>(b) that he holds a degree or qualification equivalent to a degree in gas, mechanical, civil, chemical, petroleum, fuel, electrical, mining, industrial or production engineering from a recognised university or institution or any engineering degree recognised by the Director.</p>
2.	Gas Engineering Supervisor	<p>(c) that he is able to speak and write in the national language; and</p>	<p>(a) that he holds a degree or diploma in gas, mechanical, civil, chemical, petroleum, fuel, electrical, mining, industrial or production engineering from a recognised university or institution or any engineering degree or diploma recognised by the Director.</p>
3.	Class I Gas Fitter	<p>(d) any other conditions as the Board deems necessary;</p>	<p>(a) that he is a holder of a Certificate of Competency as Class II Gas Fitter.</p> <p>(b) he has the working experience as an assistant to a Gas Engineer, Gas Engineering Supervisor or Class I or II Gas Fitter by maintaining, operating or controlling a gas pipeline or gas installation for a period of one year whilst holding a Certificate referred to in paragraph (a).</p>
4.	Class II Gas Fitter		<p>(a) he is a holder of a Certificate of Competency as a Class III Gas Fitter or any equivalent Certificate of Competency; and</p> <p>(b) he has the working experience as an assistant to a Gas Engineer, Gas Engineering Supervisor or Class I or II Gas Fitter by maintaining, operating or controlling a gas pipeline or gas installation for a period of two years whilst holding a Certificate referred to in paragraph (a);</p> <p>(c) that he is not less than 18 years of age; and</p> <p>(d) that he has suitable educational qualification as may be determined by the Board.</p>
5.	Class III Gas Fitter		<p>(a) he has one year working experience in gas pipeline or gas installation work with a Gas Contractor or in a recognized academic institution or Government Department or agency;</p> <p>(b) that he is not less than 18 years of age; and</p> <p>(c) that he has suitable educational qualification as may be determined by the Board.</p>

TABLE 4
SCOPE OF WORKS OF GAS CONTRACTORS
 (Regulation 72(2))

<i>No.</i>	<i>Classes of Gas Contractor</i>	<i>Design of Gas Installation</i>	<i>Installation</i>	<i>Testing</i>	<i>Commissioning</i>	<i>Maintenance and Repair</i>
1.	Class A	All Classes of gas installation	All Classes of gas installation	All Classes of gas installation	All Classes of gas installation	All Classes of gas installation
2.	Class B	Class III gas installation	Class II & Class III gas installation	Class II & Class III gas installation	Class II & Class III gas installation	Class II & Class III gas installation
3.	Class C	Class III gas installation	Class III gas installation	Class III gas installation	Class III gas installation	Class III gas installation
4.	Class D	-	-	-	-	Class III gas installation

TABLE 5
COMPETENT PERSON REQUIRED
FOR CERTAIN CLASSES OF GAS CONTRACTORS
 (Regulation 73(1)(b))

<i>No.</i>	<i>Gas Contractor</i>	<i>Minimum Standard for Competent Person Required</i>
1.	Class A	(i) Gas Engineer or Gas Engineering Supervisor, and; (ii) Class I Gas Fitter
2.	Class B	(i) Class I Gas Fitter
3.	Class C	(i) Class II Gas Fitter
4.	Class D	(i) Class III Gas Fitter

THIRD SCHEDULE

**FEE
PART I**

1. <i>Fee for approval to install and approval to operate for gas installation</i>		<i>RM</i>
(a)	Processing and issuance of approval to install	200.00
(b)	Processing and issuance of approval to operate	100.00
2. <i>Fee for inspection and test of gas installation</i>		
(a)	<i>Inspection</i>	<i>RM</i>
i.	Class I gas installation	300.00
ii.	Class II gas installation	200.00
iii.	Class III gas installation	100.00
iv.	Additional gas installation	100.00
(b)	<i>Leak Test</i>	<i>RM</i>
i.	Class I gas installation	300.00
ii.	Class II gas installation	200.00
iii.	Class III gas installation	100.00
iv.	Additional gas installation	100.00
(c)	<i>Holiday Test</i>	100.00

PART II

1. <i>Fee for Certificate of Practice</i>		<i>Issuance Fee</i>	<i>Renewal per year</i>
		<i>RM</i>	<i>RM</i>
(a)	Gas Engineer	150.00	150.00
(b)	Gas Engineering Supervisor	100.00	100.00
(c)	Gas Fitter	50.00	50.00
2. <i>Fee for removal of a restriction or endorsement of a Certificate of Practice</i>			<i>RM</i>
(a)	Gas Engineer		150.00
(b)	Gas Engineering Supervisor		100.00
(c)	Gas Fitter		50.00
3. <i>Fee for Temporary Certificate of Practice for a foreign person</i>			<i>RM</i>
(a)	Gas Engineer		150.00
(b)	Gas Engineering Supervisor		100.00
(c)	Gas Fitter		50.00

4. *Fee for examinations for Certificate of Competency*

	<i>RM</i>
(a) Examination processing fee	20.00
(b) Examination for a Certificate of Competency as a Gas Engineer	150.00
(c) Examination for a Certificate of Competency as a Gas Engineering Supervisor	100.00
(d) Examination for a Certificate of Competency as a Gas Fitter	50.00

5. *Fee for Certificate of Exemption*

	<i>RM</i>
(a) Gas Engineer	150.00
(b) Gas Engineering Supervisor	100.00
(c) Gas Fitter	50.00

6. *Fee for Certificate of Registration as a Gas Contractor*

	<i>Issuance Fee</i>	<i>Renewal per year</i>
	<i>RM</i>	<i>RM</i>
(a) Class A	3000.00	2000.00
(b) Class B	2000.00	1000.00
(c) Class C	1000.00	700.00
(d) Class D	500.00	300.00

7. *Fee for issuance and renewal of Certificate of Approval to assemble, manufacture or import any gas fitting, gas appliance or gas equipment*

	<i>Issuance Fee</i>	<i>Renewal per year</i>
	<i>RM</i>	<i>RM</i>
(a) Manufacturer / Assembler	500.00	250.00
(b) Importer	800.00	400.00

8. *Fee for issuance and renewal of Certificate of Approval for sale or use of any gas fitting, gas equipment or gas appliance*

	<i>Issuance Fee</i>	<i>Renewal per year</i>
	<i>RM</i>	<i>RM</i>
(a) Gas Fitting	100.00	100.00
(b) Gas Appliance	110.00	110.00
(c) Gas Equipment	200.00	200.00

9. *Fee for replacement of Certificates issued under this Regulation*

	<i>RM</i>
(a) Certificate of Approval	35.00
(b) <i>Certificate of Registration of Gas Contractor</i>	50.00
(c) Certificate of Competency	50.00
(d) Certificate of Practice	50.00

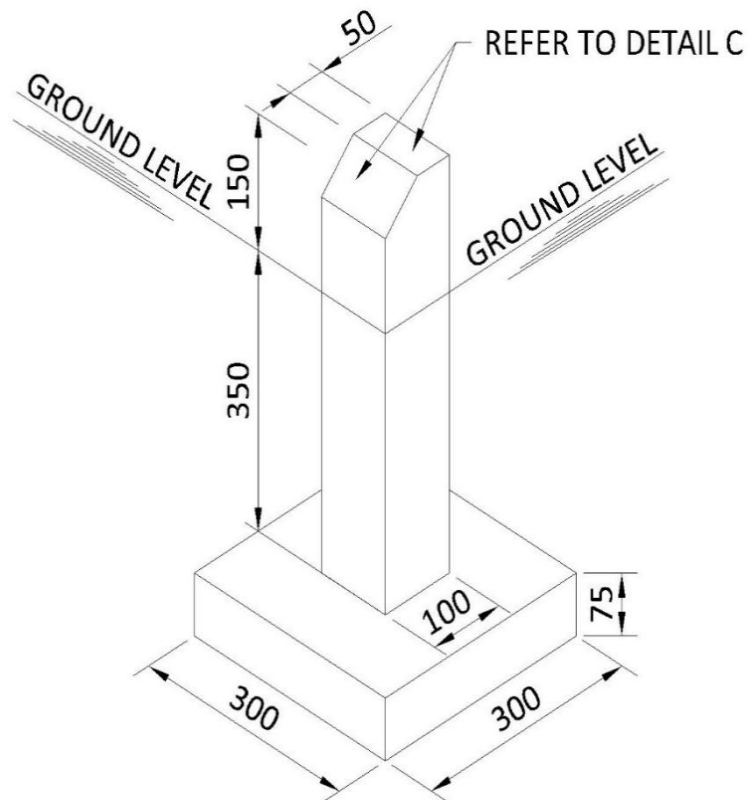
SARAWAK LAWNET

FOURTH SCHEDULE

MARKINGS, SIGNS, etc.
(Sub regulations 16(2) and 51(1))

FIGURE 1

CONCRETE MARKER

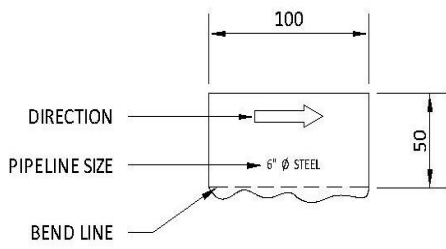
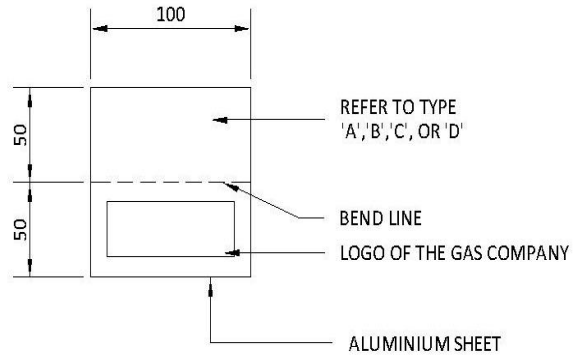


CONCRETE MARKER BURIED IN GROUND

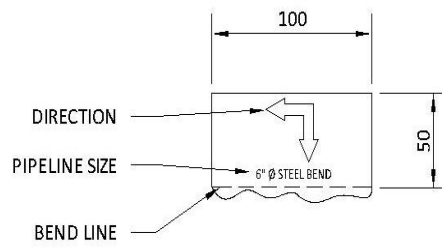
N.T.S

NOTES:

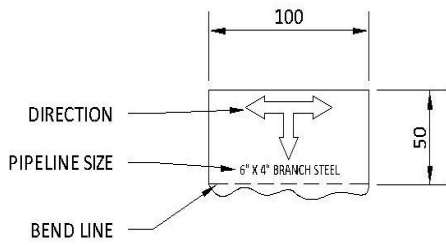
1. All dimensions are in mm unless otherwise specified.
2. The concrete marker with 300mm x 300mm x 75mm concrete base, shall be installed at every 50 metres for straight or curved runs and whenever there is tee-off or abrupt change in direction.
3. The colour of the concrete marker shall be yellow. Code bs no.381c309.
4. At least 150mm of concrete marker shall be above ground.
5. A protective concrete slab shall be installed at 300mm above the pipe for road crossing (open-cut method) and as when required by the gas company.



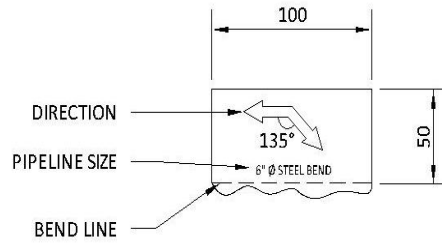
ALUMINIUM SHEET TYPE 'A'



ALUMINIUM SHEET TYPE 'C'



ALUMINIUM SHEET TYPE 'B'



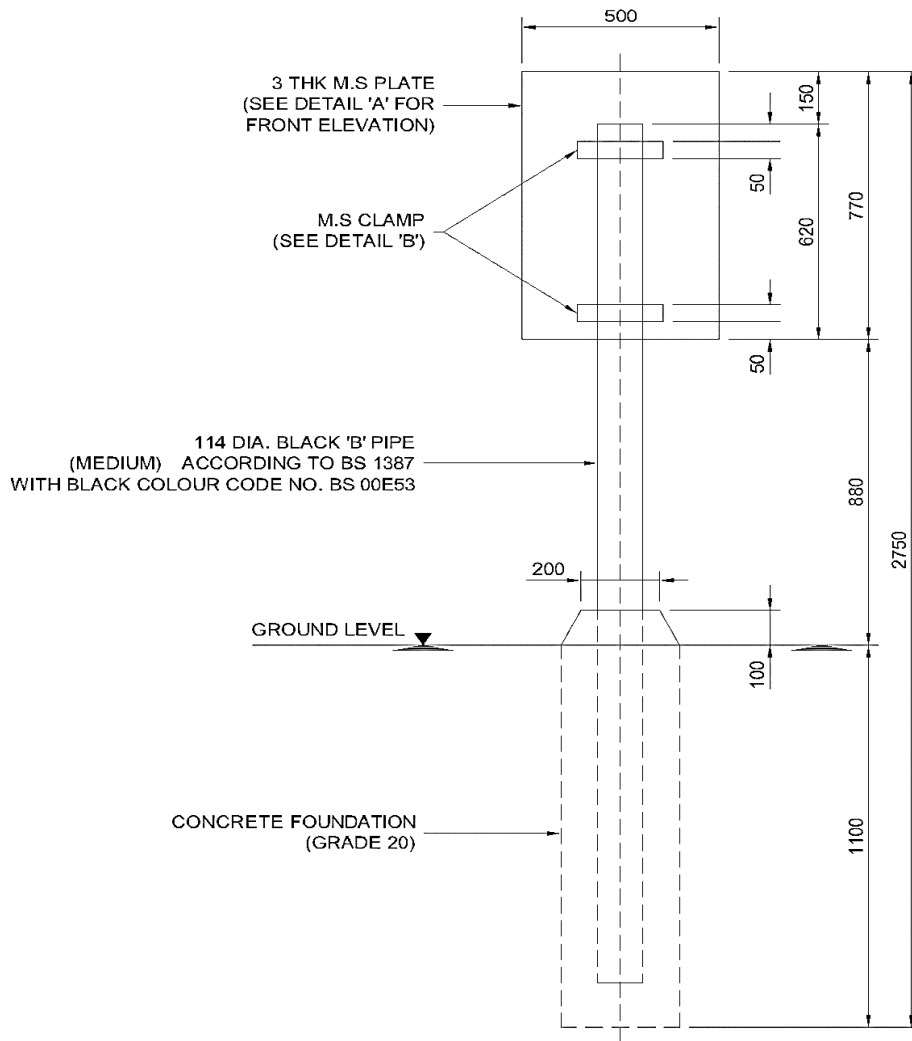
ALUMINIUM SHEET TYPE 'D'

DETAIL 'C'

N.T.S

FIGURE 2

WARNING SIGN POST

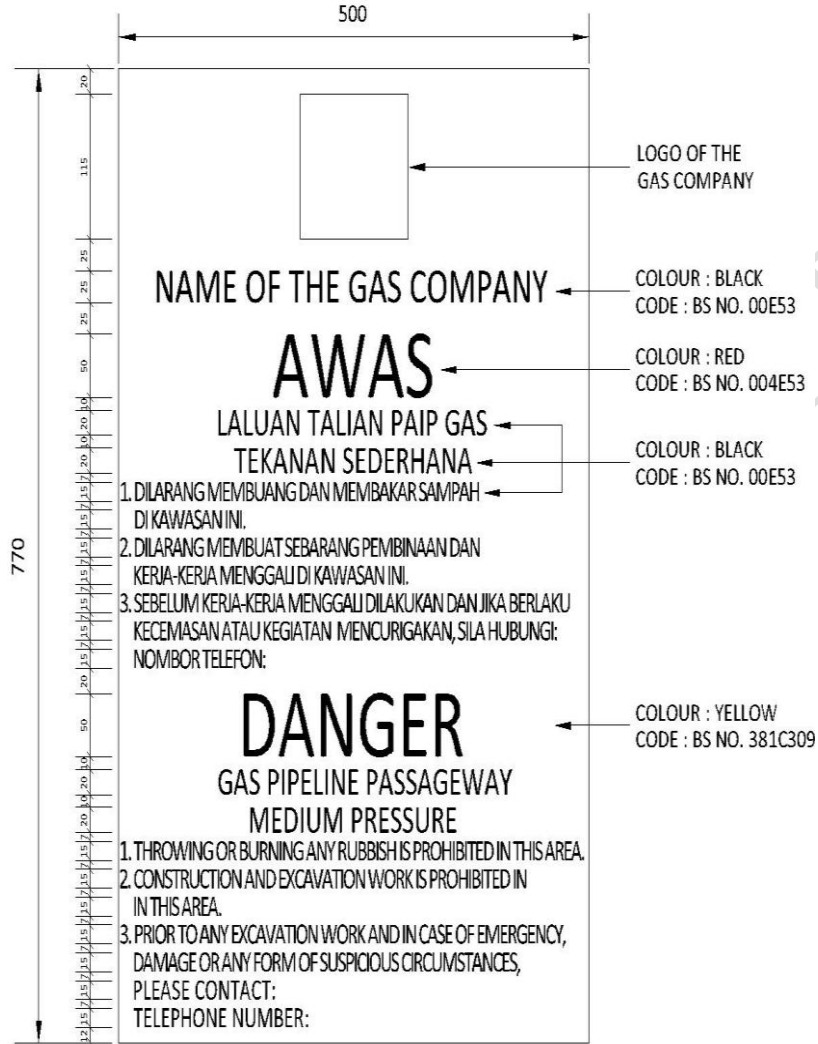


**WARNING SIGN POST
(REAR ELEVATION)**

N.T.S

NOTES:

1. Warning sign post to be installed at both sides of road, river or waterway and railway crossing.
2. Embedded length of post to be cleaned and cleared of oil, grease, rust, etc.
3. All welds are to be 3mm thick fillet weld.



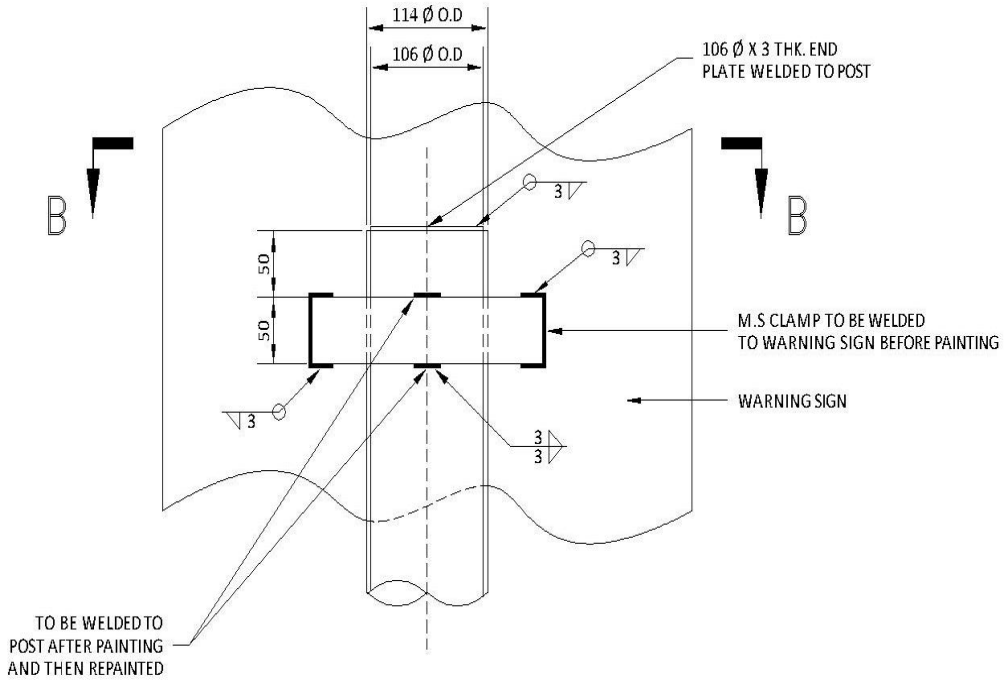
DETAIL 'A'

N.T.S

NOTES:

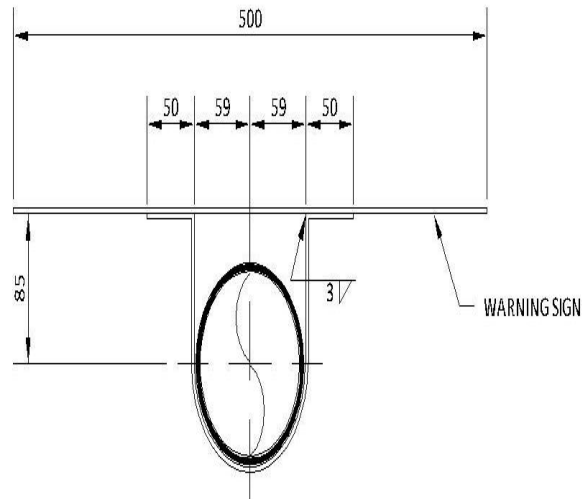
The pipeline warning marker shall be installed at:

1. Every 500m interval
2. Each side of highway, river or railway crossing (at the limit of right of way).
3. As and when required by the gas company.



DETAIL 'B'

N.T.S

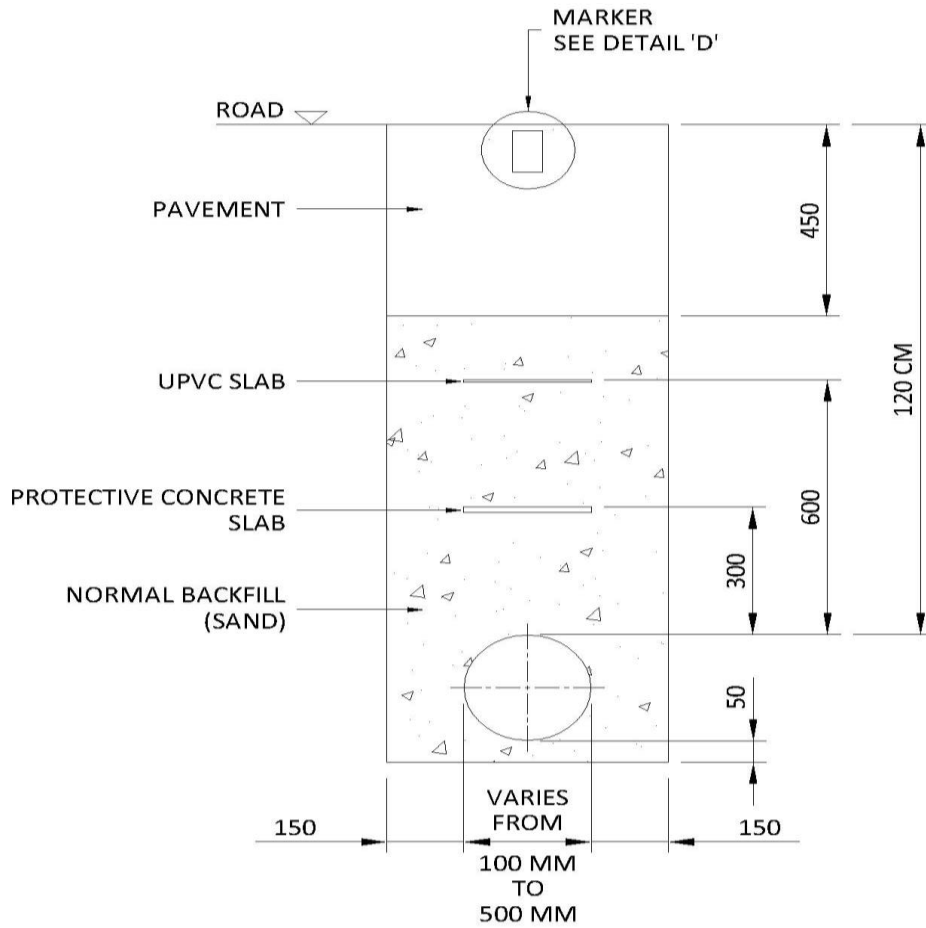


SECTION B-B

N.T.S

FIGURE 3

PIPELINE MARKER FOR TRAFFIC AREA

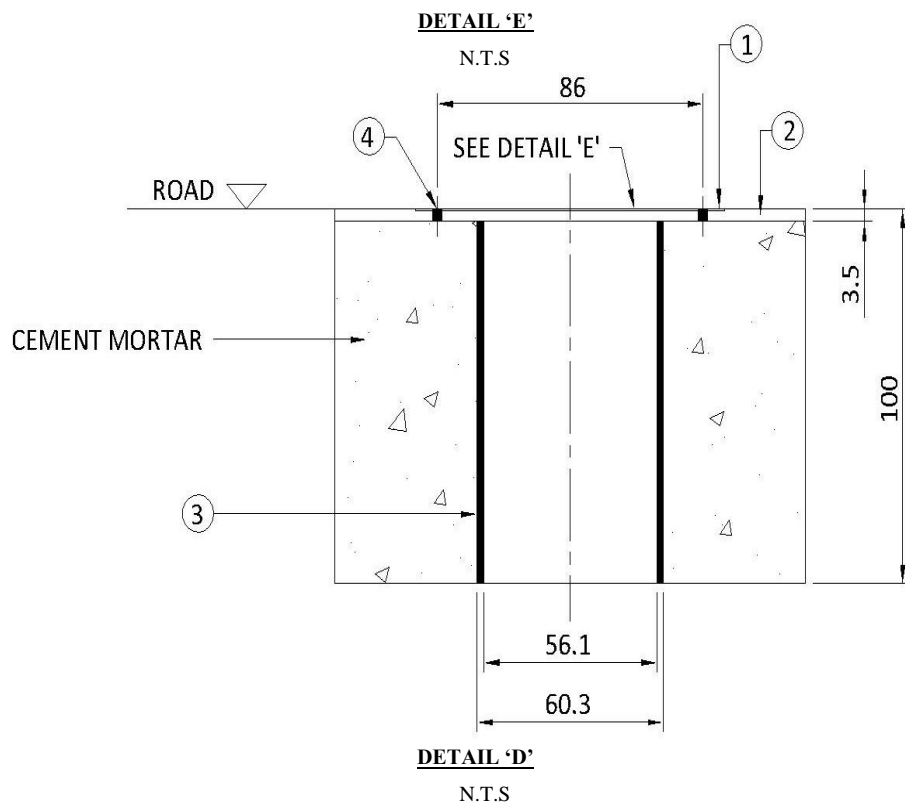
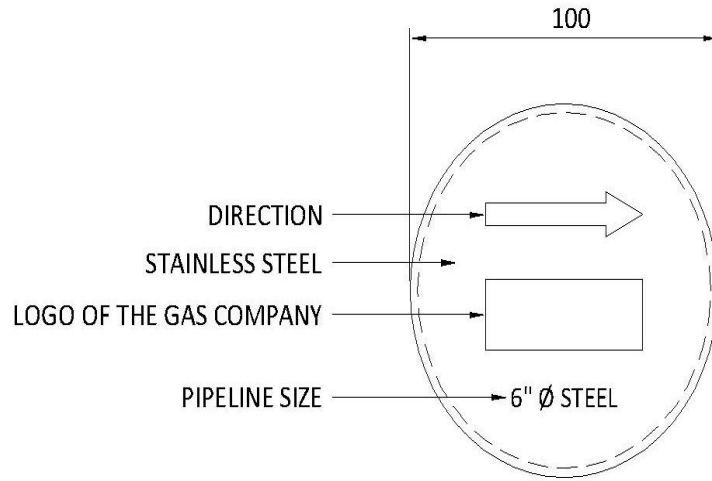


PIPELINE MARKER FOR TRAFFIC AREA

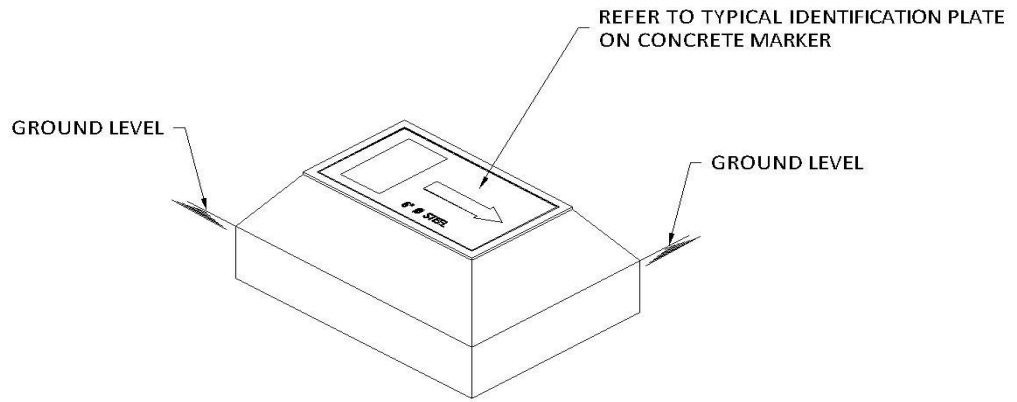
N.T.S

NOTES:

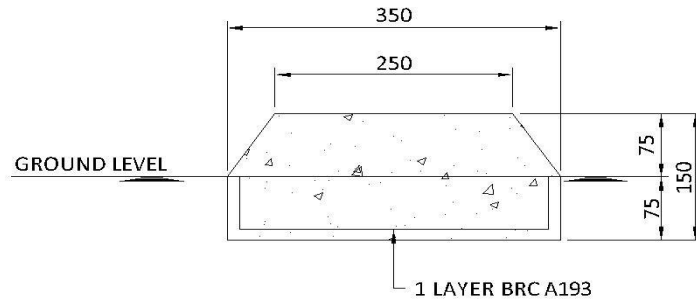
1. Mild steel plate 55C 124mm, thk = 4.5mm. It should be shaved for stainless steel pipe (1)
Area = 102mm, depth = 1.0mm
2. Steel pipe diameter = 2 inch, w/t = 21 mm. Mild steel plate (2) and steel pipe (3) should be welded.
3. VIS = 1/8 inch aluminium VIS
4. Stainless steel plate diameter = 100mm, w/t = 1.0mm.
5. Installed at every 50m interval.



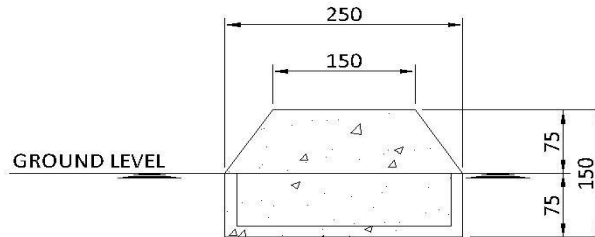
- LEGEND:**
- 1- stainless steel plate
 - 2- mild steel plate
 - 3- steel pipe
 - 4- 1/8 inch aluminium VIS



PLAN
N.T.S



FRONT ELEVATION
N.T.S

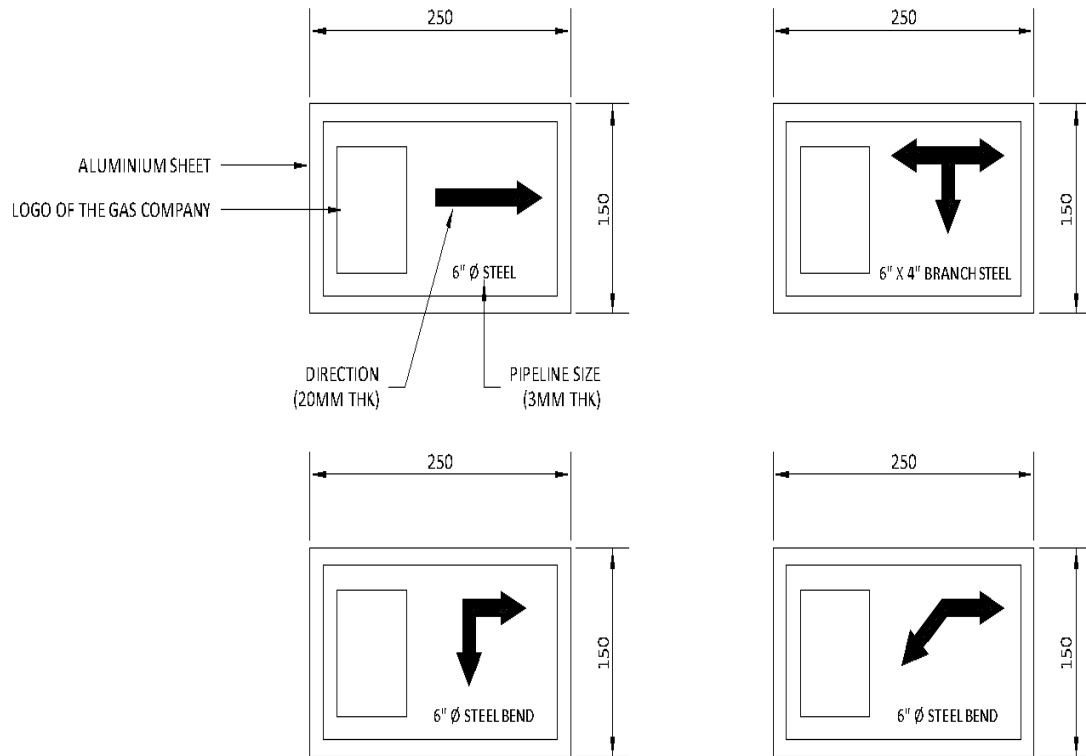


SIDE ELEVATION
N.T.S

PIPELINE CONCRETE MARKER

NOTES:

1. All dimensions are in mm unless otherwise specified.
2. The concrete marker shall be installed at every 50 metres for straight or curve runs and whenever there is a tee off or abrupt change in direction.
3. The colour of the concrete marker shall be yellow.



TYPICAL IDENTIFICATION PLATE ON CONCRETE MARKER

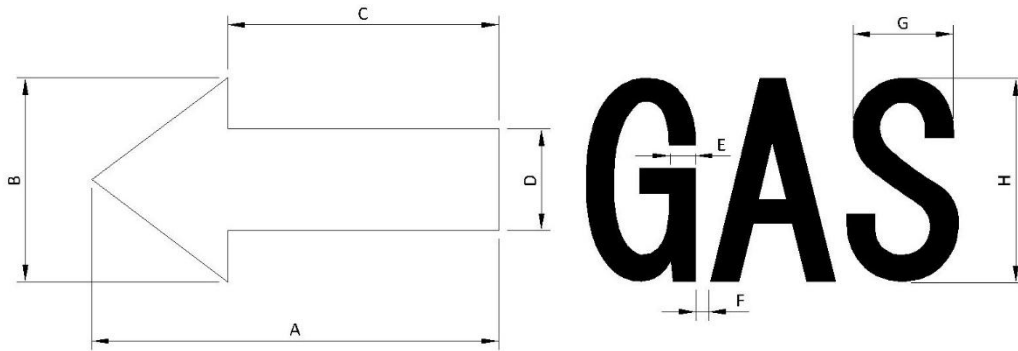
N.T.S

NOTES:

1. All gas pipeline direction colour: red
2. All lines and wording colour: black

FIGURE 4

MARKING ON GAS PIPELINE



NOTES:

1. Position of arrowhead indicates the direction of gas flow in the gas pipeline.
2. The gas pipeline shall be painted yellow in colour. Code – BS No. 381C309.
3. The arrow and letterings shall be black in colour. Code – BS No. 005E53.

NO	PIPE SIZE (X)	A	B	C	D	E	F	G	H
		(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)
1.	ABOVE 8 INS N.P.S	120	60	80	30	9	2	25	60
2.	6 INS N.P.S ≤ X < 8 INS N.P.S	100	34	70	16	6	2	16	34
3.	4 INS N.P.S ≤ X < 6 INS N.P.S	100	30	75	16	5	2	15	30
4.	2 INS N.P.S ≤ X < 4 INS N.P.S	70	20	50	10	3	2	10	20
5.	BELOW 2 INS N.P.S	35	12	25	6	2	2	6	12

Approved by the Majlis Mesyuarat Kerajaan Negeri this 29th day of June,
2021.

MOHAMAD JUNAIDI BIN MOHIDIN
Clerk to Majlis Mesyuarat Kerajaan Negeri

Swk. L. N. 274

DISTRIBUTION OF GAS ORDINANCE, 2016

DISTRIBUTION OF GAS (OPERATION AND MAINTENANCE) REGULATIONS, 2021

ARRANGEMENT OF REGULATIONS

PART I
PRELIMINARY

Regulations

1. Citation and commencement
2. Interpretation
3. Application

PART II
OPERATION

Chapter 1 – Supply of Gas to Consumer

4. Requirements to be complied with before connection
5. Security
6. Refund of security
7. Gas supply charges and reconnection fees
8. Restoration of gas supply
9. Notice to vacate premises and payment of accrued charges
10. Power of authorized person to disconnect the supply of gas and refusal to connect
11. Power of licensee to disconnect illegal or unauthorized gas supply

Chapter 2 – Inspection and Test of Gas Installation

12. Entry into premises for inspection, *etc.*
13. Power of Director to inspect
14. Entry for replacing, *etc.* of a gas pipeline, *etc.*
15. Powers of entry
16. Fixing of meter, changing of meter position and loss of or damage to meter
17. Reading of meter
18. Test of meter

PART III
MAINTENANCE

Regulations

19. Maintenance of gas installation
20. Competent person to undertake repair and maintenance work
21. Record of repair and maintenance
22. Authorized or qualified person to do certain work
23. Testing after disconnection
24. Competent person to notify of any need to alter or repair
25. Competent person may make emergency repair
26. Replacement of meter
27. Safety and precaution during repair or maintenance work

PART IV
MISCELLANEOUS

28. Incident to be reported and investigated
29. Director to keep records
30. Offence

DISTRIBUTION OF GAS ORDINANCE, 2016
DISTRIBUTION OF GAS (OPERATION AND MAINTENANCE)
REGULATIONS, 2021
(Made under section 32)

In exercise of the powers conferred by section 32 of the Distribution of Gas Ordinance, 2016 [*Cap. 72*] (“the Ordinance”), the Majlis Mesyuarat Kerajaan Negeri has made the following Regulations:

Citation and commencement

1. These Regulations may be cited as the Distribution of Gas (Operation and Maintenance) Regulations, 2021, and shall be deemed to have come into force on the 1st day of August, 2021.

Interpretation

2. In these Regulations, unless the context otherwise requires—

“competent person” means a person or body of persons issued with a certificate of competency under Part III of the Distribution of Gas (Installation and Competency) Regulations, 2021 [*Swk. L.N. 273/2021*];

“gas appliance” means an appliance designed for use or to be used by a consumer of gas for heating, burning, motive power or other purposes for which gas can be used and includes a gas appliance regulator;

“gas equipment” means a tool or device such as a valve or pressure regulator used in a gas system;

“gas fitting” means an item in a piping or tubing system that is used as a connector such as an elbow, return bend, tee, a union, a bushing, coupling, cross or nipple but does not include a gas equipment;

“gas installation” means the gas installation as provided in Part II of the Distribution of Gas (Installation and Competency) Regulations, 2021 [*Swk. L.N. 273/2021*];

“gas main pipe” means a pipe installed in a community to convey gas to an individual service pipeline or other main pipe;

“gas service pipe” means a pipe between the gas main pipe and a meter installed on the premises of a consumer and includes any pipe downstream of a service isolation valve;

“licensee” means any person issued with a licence to undertake any of the activities listed in section 7 of the Ordinance;

“meter” means a device installed to measure, ascertain or regulate the amount of gas taken or used from the main supply;

“Ordinance” means the Distribution of Gas Ordinance, 2016 [*Cap.72*];

“person” means an individual or body of persons which includes a firm, a company, an association, or a partnership incorporated under the relevant law;

“regulator” means a device used for regulating gas pressure;

“responsible person” in relation to any premises, means the 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;

“service isolation valve” means a valve installed at or near the boundary line of a property or at the apron of a building for the purpose of controlling or shutting off gas flow;

“valve” means a tool used for the purpose of controlling or shutting off gas flow and includes a service isolation valve;

“work” in relation to a gas pipeline or gas installation, includes the following work:

(a) installing a gas pipeline or gas installation;

(b) constructing, testing, fixing, operating, maintaining, servicing, adjusting, repairing, altering or renewing a gas pipeline or gas installation or the purging of air or gas pipeline;

(c) changing the position of a gas pipeline or gas installation;
or

(d) removing a gas pipeline or gas installation.

Application

3.—(1) These Regulations shall apply in relation to —

(a) a gas pipeline or gas installation which is supplied or is to be supplied with gas;

(b) a gas fitting which forms part of the gas pipeline or gas installation;
and

(c) a gas appliance or any part of it used in the gas pipeline or gas installation.

(2) For the purpose of these Regulations, a reference to the installation of a gas pipeline includes a reference to the conversion of a pipe, fitting, meter,

equipment, apparatus or appliances in order to use the gas supplied through the pipeline.

PART II
OPERATION

Chapter 1—Supply of Gas to Consumer

Requirements to be complied with before connection

4.—(1) No gas shall be taken from the gas main pipeline until—

(a) an agreement for the supply of gas has been entered between the contracting parties;

(b) the gas installation connected to the gas main pipe has been inspected, tested and found to be safe by a competent person registered with the Director; and

(c) all fees payable under the Ordinance or these Regulations in respect of the supply of gas installation have been paid.

(2) Any person who contravenes this Regulation shall be guilty of an offence, and shall upon conviction, be punished with a fine of ten thousand ringgit and for a subsequent offence, shall be punished with a fine of twenty thousand ringgit.

Security

5.—(1) The licensee may require a consumer to deposit a reasonable amount of security within seven days from the date of notice for payment issued by the licensee, which sum shall be sufficient to cover the estimated charges for not more than two months' supply of gas and two months' rental of gas pipeline of gas installation, if any.

(2) The security shall not constitute as payment in advance and shall not relieve the consumer from any liability under regulation 8.

(3) Where the supply of gas to the consumer's gas installation has been disconnected due to the consumer's failure to make payment of the amount due as stated in the gas bill, the licensee may deduct from the security the amount of the bill together with the charges for gas supplied and rental of gas pipeline or gas installation, if any, from the date of such bill to the date of disconnection of the consumer's gas installation.

Refund of security

6.—(1) The licensee shall refund to the consumer the full amount of security which has been deposited by the consumer in compliance with regulation 5 provided that—

(a) the consumer has vacated the premises and all the accrued charges have been paid in accordance with regulation 10; or

(b) the supply of gas to the consumer has been stopped or disconnected and all accrued charges have been paid.

(2) The refund shall be made to the consumer within a period of two months after the date mentioned in sub regulation 1(a) or (b) above.

Gas supply charges and reconnection fees

7.—(1) A charge for the supply of gas by the licensee shall be billed to the consumer monthly and shall be paid within twenty-one days from the date of the bill.

(2) The licensee may disconnect the supply of gas without further notice if the consumer is in default of the payment of the amount charged under sub regulation (1).

(3) The licensee shall be entitled to impose a reconnection fee as approved by the Director which shall be paid in advance for the reconnection of the consumer's gas supply.

Restoration of gas supply

8. The licensee shall reconnect the supply of gas which has been disconnected under regulation 7(2) within two working days from the date the following conditions are satisfied:

(a) the consumer has paid all the accrued charges under regulation 7(2);

(b) the consumer has paid the reconnection fee under regulation 7(3); and

(c) the consumer has satisfied the requirement for the security as stipulated in regulation 5(1).

Notice to vacate premises and payment of accrued charges

9.—(1) The consumer shall give a notice to vacate his premises not less than three working days before the vacation to the licensee in the form as may be determined by the licensee.

(2) If a consumer vacates his premises which are supplied with gas by a licensee without giving the notice under sub regulation (1), he shall be liable to pay the licensee all the charges in respect of the supply of gas to the premises accruing up to—

(a) the day on which the register of the meter is ascertained; or

(b) the day from which a subsequent occupier of the premises requires the licensee to supply gas to the premises, as the case may be.

(3) If a consumer vacates his premises without paying the amount due by way of charges in respect of the supply of gas, the licensee may refuse to supply gas to that consumer at any other premises until full payment is made.

(4) The licensee shall not be entitled to recover payment of the amount referred to under sub regulation (3) from the subsequent occupier of the premises.

(5) If a consumer vacates his premises without paying the money due in respect of the supply of gas by the licensee or the supply and fixing of a meter, gas pipeline or gas equipment within a period of ten working days from the date of the demand in writing by the licensee for the payment of the money, the licensee may—

(a) cease the supply of gas to the premises or to any other premises occupied by the consumer by the appropriate means as he thinks fit; and

(b) recover any expenses incurred under paragraph (a) from the consumer.

Power of authorized person to disconnect the supply of gas and refusal to connect

10.— (1) The authorized person by the licensee shall immediately disconnect the supply of gas upon—

(a) knowing or upon being informed that a gas installation is unsafe for use; or

(b) request in writing by a person occupying the premises to disconnect the supply of gas.

(2) The authorized person may refuse to connect a gas installation or any of it to the gas main pipe if, in his opinion, the installation or any part of it is unsafe for use or does not comply with these Regulations.

Power of licensee to disconnect illegal or unauthorized gas supply

11. The licensee may, upon giving not less than twenty-four hours' notice to the consumer disconnect the supply of gas from the licensee main pipe if the licensee found that the gas installation, the replacement of, addition or alteration to the gas installation is made, in contravention of the Ordinance or any Regulations made thereunder.

Chapter 2 — Inspection and Test of Gas Installation

Entry into premises for inspection, etc.

12. Any person authorized by a licensee may, at all reasonable times, enter into premises which are supplied with gas by the licensee or by another licensee wholly or partly through the first-mentioned licensee's gas pipeline or gas installation for the purposes of—

- (a) inspecting a gas pipeline or gas installation belonging to the licensee;
- (b) ascertaining the register of a meter;
- (c) removing, inspecting or installing a meter, a gas fitting or a gas pipeline; or
- (d) taking any reasonable measures in case of an emergency.

Power of Director to inspect

13.—(1) The Director shall inspect or cause to be inspected the gas installation or the premises where a gas installation is located if he thinks necessary in the interest of safety.

(2) The Director shall require an inspection to be made by sending a notice in writing to the responsible person and that person shall attend the inspection and give any assistance as may be required by the Director in the notice.

(3) For the purpose of this Regulation, “domestic gas installation” means a single gas installation in a private dwelling which is not used as a hotel or boarding house or for the purposes of carrying out any business, trade or profession or for the providing of any service.

Entry for replacing, etc. of a gas pipeline, etc.

14.—(1) Any person authorized by a licensee may, at all reasonable times, on the production of a duly authenticated document of his authority, enter into premises after giving notice of not less than three working days to the consumer, occupier of the premises or to the owner of the premises which are unoccupied for the purpose of—

- (a) placing a new pipeline, gas fitting, gas equipment or meter in place of or in addition to an existing gas pipeline, gas fitting, gas equipment or meter which has already been lawfully placed; or
- (b) repairing or altering an existing gas pipeline or gas equipment.

(2) In the case of an emergency arising from fault in a gas pipeline or gas installation, entry under sub regulation (1) may be made by notifying the consumer, occupier of the premises or the owner of the premises, as soon as is practicable, and if so required under these Regulations, shall subsequently reduce into writing.

Powers of entry

15.—(1) Any person authorized by a licensee to enter into any premises for the purpose of carrying out his duties under these Regulations shall produce a duly authenticated document of his authority and ensure that the premises are left secured after the entry.

(2) The licensee shall make good or pay compensation for any damage caused by the person so authorized by him or by the person accompanying him in entering the premises.

(3) Such entry by the person authorized by the licensee may be accompanied by any other persons as may be appropriate for the purpose of the entry.

Fixing of meter, changing of meter position and loss of or damage to meter

16.—(1) The licensee shall provide or fix a meter as he considers necessary in order to measure the amount of gas supplied to a consumer.

(2) Where an additional meter is installed by the licensee at the request of the consumer, the consumer shall pay the licensee the charges at the rate to be determined and approved by the Director, from time to time.

(3) The licensee may change the meter or its position in the premises in which gas is supplied by him.

(4) The consumer shall be liable to indemnify the licensee for the loss of or damage to the meter installed within the premises provided the damage or loss is not attributed to the licensee or the person authorized by the licensee.

Reading of meter

17.—(1) The reading of a meter shall be *prima facie* evidence of the amount of gas consumed by the consumer.

(2) Where—

(a) the supply of gas registered by the meter at any time is not equal to the gas consumed; or

(b) the meter is not registering the actual consumption due to a defect in the installation,

the licensee may impose a provisional charge for the gas supplied.

(3) If the licensee is unable to provide a meter for a gas installation due to the shortage of a supply of a meter, the licensee may, with the approval of the Director, fix a reasonable monthly charge for the supply of gas.

Test of meter

18. —(1) The licensee shall carry out a test of a meter upon request in writing by the consumer and upon payment of the fee as may be determined by the Director from time to time.

(2) If the gas meter is found to be—

(a) inaccurate by more than two percent; or

(b) registering the consumption of gas when no gas is flowing,

the fee paid in sub regulation (1) shall be refunded, and the consumer's account shall be adjusted.

(3) The adjustment under sub regulation (2) shall be limited to the bill rendered for the month prior to the month in which the consumer requested a test of the meter and to the consumer's account from the date of the last bill to the date of removal of the meter for testing.

(4) The licensee may, if he considers special circumstances justify such a course, authorize adjustment of the bill rendered prior to the period stipulated in sub regulation (3).

(5) In the case where the licensee finds that the gas meter is not registering correctly, the consumer's account shall be adjusted as provided in sub regulation (3).

PART III MAINTENANCE

Maintenance of gas installation

19.—(1) A gas installation shall be maintained in good and efficient working order by the responsible person to ensure safety of persons so as to prevent any danger.

(2) 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.

For the purpose of this Regulation, "domestic gas installation" means a single gas installation in a private dwelling which is not used as a hotel or boarding house or for the purposes of carrying out any business, trade or profession or for the providing of any service.

(3) Notwithstanding sub regulation (2), the Director may direct the inspection, test and certification of any gas installation to be carried out at any time by the competent person.

(4) Any person who by any act or omission contravenes this regulation shall be guilty of an offence, and shall upon conviction, be punished with a fine of fifty thousand ringgit or imprisonment of a term not exceeding one year or to both.

Competent person to undertake repair and maintenance work

20.—(1) No person other than a competent person or a person acting under the immediate supervision of a competent person, shall undertake to carry out the repair and maintenance of a gas pipeline or gas installation in accordance with the Distribution of Gas (Installation and Competency) Regulations, 2021 [*Swk. L.N. 273/2021*].

(2) Any person who contravenes sub regulation (1) shall be guilty of an offence and shall, upon conviction, be punished with a fine of ten thousand ringgit and for a subsequent offence, shall be punished with a fine of thirty thousand ringgit.

Record of repair and maintenance

21.—(1) The responsible person shall keep record of any maintenance and repair work carried out on a gas installation.

(2) Any person who contravenes sub regulation (1) shall be guilty of an offence and shall upon conviction, be punished with a fine of one thousand ringgit and for a subsequent offence, shall be punished with a fine of five thousand ringgit.

Authorized or qualified person to do certain work

22.—(1) No person, other than a competent person authorized by the licensee or having the permission of the owner or occupier shall—

- (a) open or make connections with a distribution main pipe or gas service pipe;
- (b) disconnect the inlet of a meter; or
- (c) move a meter;
- (d) do welding on a metallic gas piping; or
- (e) install or inter-connect non- metallic pipe.

(2) Any person who contravenes sub regulation (1) shall be guilty of an offence and shall upon conviction, be punished with a fine of ten thousand ringgit and for a subsequent offence, shall be punished with a fine of thirty thousand ringgit.

Testing after disconnection

23. Where a competent person or a person under the supervision of a competent person disconnects the outlets of a meter from house piping, he shall—

- (a) substitute the joint at the meter outlet; and
- (b) turn the meter on again only after testing the house piping and ensuring that no other outlets are open.

Competent person to notify of any need to alter or repair

24. Where a competent person has reason to believe that there is any need for the alteration or the repair of a part of a supply system, the competent person shall immediately notify the responsible person of the matter.

Competent person may make emergency repair

25. Where gas is leaking from a part of the gas supply system, a competent person shall make necessary emergency repairs upon being notified on such emergency by the responsible person and shall notify the responsible person of the said repairs after it is done.

Replacement of meter

26. A meter shall be replaced by the licensee every ten years or at any earlier time when it becomes necessary to do so.

Safety and precaution during repair or maintenance work

27.—(1) When a competent person or any other person under the supervision of a competent person is carrying out repair or maintenance work, he shall take adequate precautions to ensure safety of the gas installation or any other equipment within the vicinity of the maintenance work area.

(2) The responsible person shall ensure the competent person or any person under the supervision of a competent person engaged in a repair or maintenance work is adequately protected during the carrying maintenance work.

PART IV
MISCELLANEOUS

Incident to be reported and investigated

28.—(1) Whenever any incident causing or resulting in loss of life or injury to any person or property has occurred in connection with any pipeline or installation or part thereof, the consumer or the licensee, as the case may be, shall report such incident to the Director as soon as practicable and without unnecessary delay.

(2) The Director shall, as soon as practicable, upon being notified of such incident direct an authorized officer to—

- (a) visit the place where the incident occurred;
- (b) make preliminary investigation of the circumstances surrounding of the occurrence of the incident;
- (c) record in writing his findings;
- (d) forthwith furnish the Director with a report on the incident including the relevant photographs, medical reports or other documents, if any; and
- (e) lodge a report and submit a copy of his findings in paragraph (c) to the nearest police station.

(3) No alteration, addition or repairs shall be made to the gas pipeline or gas installation or any part of it which may have contributed to the incident without the prior consent of the Director.

Provided that this sub regulation shall not operate to interfere with the rescue work or work necessary for the general safety of life or property.

(4) Any person who by any act or omission contravenes sub regulation (1) shall be guilty of an offence, and shall upon conviction, be punished with a fine of one hundred thousand ringgit or imprisonment of a term not exceeding two years or to both.

Director to keep records

29. The Director shall keep records including the following—

- (a) all licences, and certificates issued under the Ordinance and these Regulations;
- (b) all incidents under regulation 30; and
- (c) any other necessary records.

Offence

30.— (1) Any person who by act or omission contravenes any provision of these Regulations shall be guilty of an offence and shall, upon conviction, be punished with a fine not exceeding one hundred thousand ringgit or imprisonment not exceeding two years, or to both.

(2) Where a person charged with an offence under this Regulation is a body corporate, every person who, at the time of the commission of such offence, is a director or officer of that body corporate may be charged jointly in the same proceedings with the body corporate, and where the body corporate is convicted of the offence charged, every such director or officer shall be deemed to be guilty of the offence.

Approved by the Majlis Mesyuarat Kerajaan Negeri this 29th day of June, 2021.

MOHAMAD JUNAIDI BIN MOHIDIN
Clerk to Majlis Mesyuarat Kerajaan Negeri

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