



## **CONSULTATION PAPER**

# **PROPOSED MODIFICATIONS TO GAS SUPPLY CODE**

Closing date for submissions of comments and feedback:  
23 April 2024

**Note: There will be no extension of deadline beyond 23 April 2024, 5 pm**

26 March 2024

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## **1 Introduction**

The Gas Supply Code (“Code”) sets out the standards and procedures which gas licensees must comply with to ensure safe operations of the gas supply system. The Code also sets out the rights and obligations of gas licensees for and in relation to the conveyance of gas and provision of gas supply.

## **2 Proposed Modifications**

- 2.1 Pursuant to Clause 1.6 of the Code, EMA seeks representations on the proposed modifications to the Code as set out in Appendix 1.
- 2.2 The proposed modifications are to enhance and clarify the requirements in respect of the Inspection Programme for Gas Installations or Gas Fittings, Transmission System Planning and Development, and related Cyber Security Measures.

### 3 Request for Written Comments/Feedback

3.1 EMA invites written comments/feedback on the proposed modifications to the Code as set out in Appendix 1.

3.2 Please submit any written comments/feedback via attachments at <https://go.gov.sg/gsc2024> (or scan the QR code below) by 5 pm on 23 April 2024. The format for submission of comments is shown in Appendix 2. You are requested to include a soft-copy of your comments (in both PDF and Microsoft Word format) in your submission.



<https://go.gov.sg/gsc2024>

3.3 Alternatively, you may submit your written comments/feedback by email to [EMA\\_GSD@ema.gov.sg](mailto:EMA_GSD@ema.gov.sg) by 5 pm on 23 April 2024.

3.4 EMA will acknowledge receipt of all submitted comments/feedback by email. Please contact Ms. Cindy Zhuo at 6376 7516 if you have not received an acknowledgement of your submission within three business days.

3.5 Please note that anonymous submission will not be considered. EMA reserves the right to make public all or parts of any written submissions made in response to this Consultation Paper and to disclose the identity of the source. Any part of the submission, which is considered by respondents to be confidential, should be clearly marked and placed as an annex. EMA will take this into account regarding disclosure of the information submitted.

~ End ~

Table 1: Proposed Modifications to the Gas Supply Code

Modification Ref. No.	Clause	Original Text	Modified Text	Reasons
<b>Inspection Programme for Gas Installation or Gas Fitting</b>				
GSC/2024/01	9.2 (b)	<p>The gas transporter shall be responsible for establishing and implementing the following systematic inspection programmes for all residential premises:</p> <p>the gas transporter may require the responsible person of every residential building with multiple consumers to engage a licensed gas service worker or a professional engineer to carry out inspection or soundness test where necessary, of the gas installation or gas fitting linking the gas service isolation valve up to the meters of individual residential units in the building in accordance with a systematic five yearly inspection programme.</p>	<p>The gas transporter shall be responsible for establishing and implementing the following inspection programmes for all residential premises:</p> <p>the gas transporter <del>may</del><u>must</u> require the responsible person of every residential building with multiple consumers to engage a licensed gas service worker or a professional engineer to carry out inspection or soundness test where necessary, of the gas installation or gas fitting linking the gas service isolation valve up to the meters of individual residential units in the building in accordance with a five yearly inspection programme <u>approved by the Authority.</u></p>	Proposed modification to clarify the gas transporter's responsibilities and obligations in establishing, implementing and administering the inspection programmes.

Modification Ref. No.	Clause	Original Text	Modified Text	Reasons
GSC/2024/02	9.3 (a)(i)	<p>The gas transporter shall be responsible for establishing and implementing the following systematic inspection programmes for all non-residential premises:</p> <p>for gas installation or gas fitting linking the gas service isolation valve to the meters of individual non-residential units within a building, annual inspection shall be carried out by a licensed gas service worker or a professional engineer, as the case may be, appointed by the responsible person;</p>	<p>The gas transporter shall be responsible for establishing and implementing the following inspection programmes for all non-residential premises:</p> <p>for gas installation or gas fitting linking the gas service isolation valve to the meters of individual non-residential units within a building, annual inspection <del>shall</del><u>must</u> be carried out by a licensed gas service worker or a professional engineer, as the case may be, appointed by the responsible person.</p>	Proposed modification to clarify the gas transporter's responsibilities and obligations in establishing, implementing and administering the inspection programmes.
GSC/2024/03	9.3 (a)(ii)	for gas installation or gas fitting from the meter to the gas appliances, annual inspection shall be carried out by a licensed gas service worker or a professional engineer appointed by the retail consumer;	for gas installation or gas fitting from the meter to the gas appliances, annual inspection <del>shall</del> <u>must</u> be carried out by a licensed gas service worker or a professional engineer appointed by the retail consumer;	
GSC/2024/04	9.3 (b)	if any part of a gas installation or gas fitting referred to in clauses 9.3(a)(i) and (ii) is not accessible for inspection, soundness test shall be carried out by a professional engineer appointed by the responsible person once every three years. The soundness test for gas installation or gas fitting shall be carried out at the operating pressure. The inspection of the gas installation or gas fitting by a licensed gas service worker in clauses 9.3(a)(i) and (ii) will not be required for a period of 12 months after the soundness test by a professional engineer; and	if any part of a gas installation or gas fitting referred to in clauses 9.3(a)(i) and (ii) is not accessible for inspection, soundness test shall be carried out by <u>a licensed gas service worker</u> or a professional engineer appointed by the responsible person once every three years. The soundness test for gas installation or gas fitting shall be carried out at the operating pressure. <del>The inspection of the gas installation or gas fitting by a licensed gas service worker in clauses 9.3(a)(i) and (ii) will not be required for a period of 12 months after the soundness test by a professional engineer; and</del>	Proposed modification to allow a licensed gas service worker to carry out the required soundness test, which will facilitate early detection of any leak or defect.

Modification Ref. No.	Clause	Original Text	Modified Text	Reasons
GSC/2024/05	9.3 (c)	for a gas installation or gas fitting of non-residential premises operating at any pressure above 30 mbars, the gas transporter may, in discharging its obligation under section 29(4) of the Act, require the responsible person to appoint a professional engineer to certify annually the fitness for such part of the gas installation or gas fitting for which the afore-mentioned person is responsible.	for a gas installation or gas fitting of non-residential premises operating at any pressure above 30 mbars, the gas transporter <del>may</del> <u>must</u> , in discharging its obligation under section 29(4) of the Act, <del>require</del> <u>notify</u> the responsible person to appoint a professional engineer to certify annually the fitness for such part of the gas installation or gas fitting for which the aforementioned person is responsible.	Proposed modification to clarify the gas transporter's responsibilities and obligations in establishing, implementing and administering the inspection programmes.
GSC/2024/06	9.4	For gas installation or gas fitting referred to in clause 9.3, the gas transporter may, in order to ensure that the said gas installation or gas fitting is maintained at all times in a safe and proper operating condition, functions at all times in a reliable manner and is reasonably protected against damage, notify and require the responsible person to engage a licensed gas service worker or a professional engineer, where applicable, to carry out the inspection on the gas installation or gas fitting and submit a certificate of fitness to the gas transporter.	For gas installation or gas fitting referred to in clause 9.3, the gas transporter <del>may</del> <u>must</u> , in order to ensure that the said gas installation or gas fitting is maintained at all times in a safe and proper operating condition, functions at all times in a reliable manner and is reasonably protected against damage, notify and require the responsible person to engage a licensed gas service worker or a professional engineer, where applicable, to carry out the inspection on the gas installation or gas fitting and submit a certificate of fitness to the gas transporter.	Proposed modification to clarify the gas transporter's responsibilities and obligations in establishing, implementing and administering the inspection programmes.

Modification Ref. No.	Clause	Original Text	Modified Text	Reasons
GSC/2024/07	9.5	If any person after being notified by the gas transporter under clause 9.4 fails to comply with the inspection notice, the gas transporter may, subject to the power provided to it under relevant provisions of the Act, arrange with the relevant gas retailer or shipper to take necessary actions to discontinue or disconnect, where applicable, the supply of gas to the relevant gas installation or gas fitting.	Clause 9.5 to be removed.	Clause 9.5 is redundant as the Gas Transporter is not empowered under the Gas Act to discontinue or disconnect the supply of gas to any person where the person fails to comply with the inspection notice.
GSC/2024/08	9.7	The gas retailer and shipper, where applicable, shall provide the gas transporter with all relevant information pertaining to its consumers to enable the gas transporter to implement and maintain the programme of inspection as stipulated in clauses 9.2 and 9.3.	The gas retailer and shipper, where applicable, shall provide the gas transporter with all relevant information pertaining to its consumers, <u>including the location of gas installations or gas fittings where gas is supplied</u> , to enable the gas transporter to implement and maintain the inspection programmes as stipulated in clauses 9.2 and 9.3.	Proposed modification to clarify the information to be submitted to the gas transporter.



Transmission System Planning and Development				
GSC/2024/09	12.5 (a)	a detailed plan for the 18 barg and above networks for the next ten years for transmission network expansion, enhancement, upgrading, replacement and re-configuration;	a detailed plan for the expansion, enhancement, upgrading, replacement and re-configuration for 18 barg and above networks over a rolling <u>10-year period as stipulated by the Authority</u> ;	Proposed modifications to clarify the Ten-Year Transmission Network Development Planning cycle.
GSC/2024/10	12.5 (f)(vi)	maximum gas velocity within the gas transmission network for the next ten years.	maximum gas velocity within the gas transmission network for <del>the next ten years</del> <u>a rolling 10-year period as stipulated by the Authority</u> .	
Cyber Security Measures				
GSC/2024/11	Appendix 4 (14-b)	New clause.	<p>CII Owners shall provide to the Cyber Security Agency (with the <i>Authority</i> copied) <u>any material change to the design, configuration, security or operation of the critical information infrastructure (“CII”) no later than 30 days after the change is made to the following:</u></p> <ul style="list-style-type: none"> <li>• <u>Network architecture or topology of CII;</u></li> <li>• <u>Functionality of CII;</u></li> <li>• <u>Application/Software Platforms of CII;</u></li> <li>• <u>Outsource or insource of CII operation;</u></li> <li>• <u>Addition or removal of CIIs’ equipment/devices and/or cybersecurity components;</u></li> <li>• <u>Key stakeholders responsible for cybersecurity of the CII.</u></li> </ul>	Proposed modification to provide for CII Owners to update the Cyber Security Agency and the Authority on any material changes to CII.

**Comments/Feedback on Proposed Modifications to the Gas Supply Code**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Company: \_\_\_\_\_

Email: \_\_\_\_\_

Role (Gas Transporter/Shipper/Retailer/Consumer/Others): \_\_\_\_\_

Submission Date: \_\_\_\_\_ (dd/mm/yy)

<b>Modification Ref. No.</b>	<b>Clause*</b>	<b>Comments</b>

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\* With reference to the section of the Gas Supply Code as published on EMA's website.