Gas Standards (Gas Supply and System Safety) Amendment Regulations 2016

Made by the Governor in Executive Council.

1. Citation
   These regulations are the Gas Standards (Gas Supply and System Safety) Amendment Regulations 2016.

2. Commencement
   These regulations come into operation as follows —
   (a) regulations 1 and 2 — on the day on which these regulations are published in the Gazette;
   (b) the rest of the regulations — on the day after that day.

3. Regulations amended
   These regulations amend the Gas Standards (Gas Supply and System Safety) Regulations 2000.

4. Regulation 5 amended
   In regulation 5(2)(a) delete “4564-2005:” and insert:

   4564-2011

   Note: The heading to amended regulation 5 is to read:
   Undertakers’ duties as to quality of gas supplied to consumers

5. Regulation 7 amended
   (1) In regulation 7(1A):
       (a) in paragraph (b) delete “odorising.” and insert:

           odorising; and

       (b) after paragraph (b) insert:

           (c) does not include any other substance that —
               (i) may adversely affect pipework or any other component used to convey the LPG; or
               (ii) may adversely affect any gas appliance in which the LPG is used; or
(iii) may be toxic to a person who has contact with it, or its combustion products, in the course of the normal operation of any gas appliance in which the LPG is used.

(2) In regulation 7(1):

(a) in paragraph (b) delete “odorising.” and insert:

odorising; and

(b) after paragraph (b) insert:

(c) does not include any other substance that —

(i) may adversely affect pipework or any other component used to convey the LPG; or

(ii) may adversely affect any gas appliance in which the LPG is used; or

(iii) may be toxic to a person who has contact with it, or its combustion products, in the course of the normal operation of any gas appliance in which the LPG is used.

Note: The heading to amended regulation 7 is to read: Undertakers’ duties as to quality of LPG supplied to consumers

6. Regulation 12 replaced

Delete regulation 12 and insert:

12. Undertakers’ duties as to supplying mixed LPG for propulsion purposes

An undertaker must ensure that mixed LPG supplied to a consumer in liquid form for use as a fuel for use in the propulsion of a vehicle —

(a) is a mixture of —

(i) propane or propene, or propane and propene; and

(ii) butanes or butenes, or butanes and butenes;

and

(b) is supplied at a vapour pressure not exceeding 1 530 kPa (gauge) at 40°C; and

(c) does not include any other substance that —
(i) may adversely affect pipework or any other component used to convey the mixed LPG; or
(ii) may adversely affect any gas appliance in a vehicle in which the mixed LPG is used; or
(iii) may be toxic to a person who has contact with it, or its combustion products, in the course of the normal operation of any gas appliance in a vehicle in which the mixed LPG is used.

7. **Regulation 13 amended**

In regulation 13(1):

(a) delete paragraph (a) and insert:

(a) it is supplied as —
   (i) propane; or
   (ii) a mixture of propane and not more than 15 mol% propene;

   and

(b) in paragraph (d) delete “odorising.” and insert:

   odorising; and

(c) after paragraph (d) insert:

   (e) it does not include any other substance that —
   (i) may adversely affect pipework or any other component used to convey the LPG; or
   (ii) may adversely affect any gas appliance in which the LPG is used; or
   (iii) may be toxic to a person who has contact with it, or its combustion products, in the course of the normal operation of any gas appliance in which the LPG is used.

Note: The heading to amended regulation 13 is to read:

**Undertakers' duties as to supplying LPG through distribution system**

8. **Regulation 15 amended**

(1) In regulation 15(1) delete “6 m$^3$ per hour” and insert:
7.5 m³ per hour in air

(2) In regulation 15(3):
   (a) in paragraph (a) delete “6 m³ per hour; or” and insert:

       7.5 m³ per hour in air; or

   (b) in paragraph (b) delete “6 m³ per hour.” and insert:

       7.5 m³ per hour in air.

Note: The heading to amended regulation 15 is to read:

   Operating requirements for master meters

9. Regulation 16 amended

   In regulation 16:
   (a) in paragraph (c) delete “12 m³ per hour; and” and insert:

       12 m³ per hour in air; and

   (b) in paragraph (d) delete “6 m³ per hour but not more than

       12 m³ per hour; and” and insert:

       7.5 m³ per hour in air but not more than 12 m³ per hour

       in air; and

   (c) in paragraph (e) delete “6 m³ per hour,” and insert:

       7.5 m³ per hour in air,

Note: The heading to amended regulation 16 is to read:

   Replacement of master meters

10. Regulation 43 amended

   Delete regulation 43(1)(c)(ii) and insert:

       (ii) at least 100 other consumers, in the case

            of natural gas, and at least 50 other

            consumers, in the case of LPG.
11. **Schedule 1 replaced**

Delete Schedule 1 and insert:

**Schedule 1 — Odorant levels for various gases, vapours and types of odorant**

[r. 6(c) and 9(c)]

<table>
<thead>
<tr>
<th>Odorant type</th>
<th>Application</th>
<th>Minimum TBM (mg/m³)</th>
<th>Minimum total (mg/m³)</th>
<th>Maximum total (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mainly tertiary butyl mercaptan (TBM)</td>
<td>Natural gas: industrial</td>
<td>4</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>Mainly tertiary butyl mercaptan (TBM)</td>
<td>Natural gas: general</td>
<td>6</td>
<td>8</td>
<td>30</td>
</tr>
<tr>
<td>Mainly tetrahydro thiophene (THT)</td>
<td>Natural gas: industrial</td>
<td>3</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>Mainly tetrahydro thiophene (THT)</td>
<td>Natural gas: general</td>
<td>4</td>
<td>12</td>
<td>30</td>
</tr>
<tr>
<td>Ethyl mercaptan</td>
<td>Liquefied petroleum gas: reticulated</td>
<td>Not applicable</td>
<td>25</td>
<td>100</td>
</tr>
<tr>
<td>Ethyl mercaptan</td>
<td>Liquefied petroleum gas (vapour): in a commercially filled cylinder</td>
<td>Not applicable</td>
<td>10</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

R. KENNEDY, Clerk of the Executive Council.