INSTITUTION OF GAS ENGINEERS AND MANAGERS

GAS LEGISLATION GUIDANCE

AMENDMENTS. NOVEMBER 2006

These Amendments apply to the following publications:

- **IGE/GL/1 Edition 2. Communication 1718**
  Planning of gas distribution systems of MOP not exceeding 16 bar
  Amendments Nov 2006 (2 sides)

If the user copies these amendments onto A4 labels, the Amendments can be cut out and applied to the appropriate places within the relevant technical publications i.e. the individual Amendments are tailored to fit over the existing text.

ENHANCEMENTS

There are currently no enhancements.

OBSOLESCENT/WITHDRAWN AND OBSOLETE

See www.igem.org.uk under "Withdrawn publications".

IGE/GL/1 EDITION 2
COMMUNICATION 1718
2005

The following amendments (November 2006) apply to all copies of IGE/GL/1 Edition 2 published in 2005.

Clause 9.2.2

Delete 3rd bullet point. Substitute:

- fixing the size of certain pipes

Appendix 2

Delete the note to "design minimum pressure (DmP)" entirely.

A4.2

Add under the title of Figure 1

For a number of consumers, a series of normal distribution curves arise (see Figure 2). The peak demand is expressed as the probability of the mean demand being exceeded or, in statistical terms, as the number of standard deviations about the mean. The effect of diversity may be expressed graphically (see Figure 3).

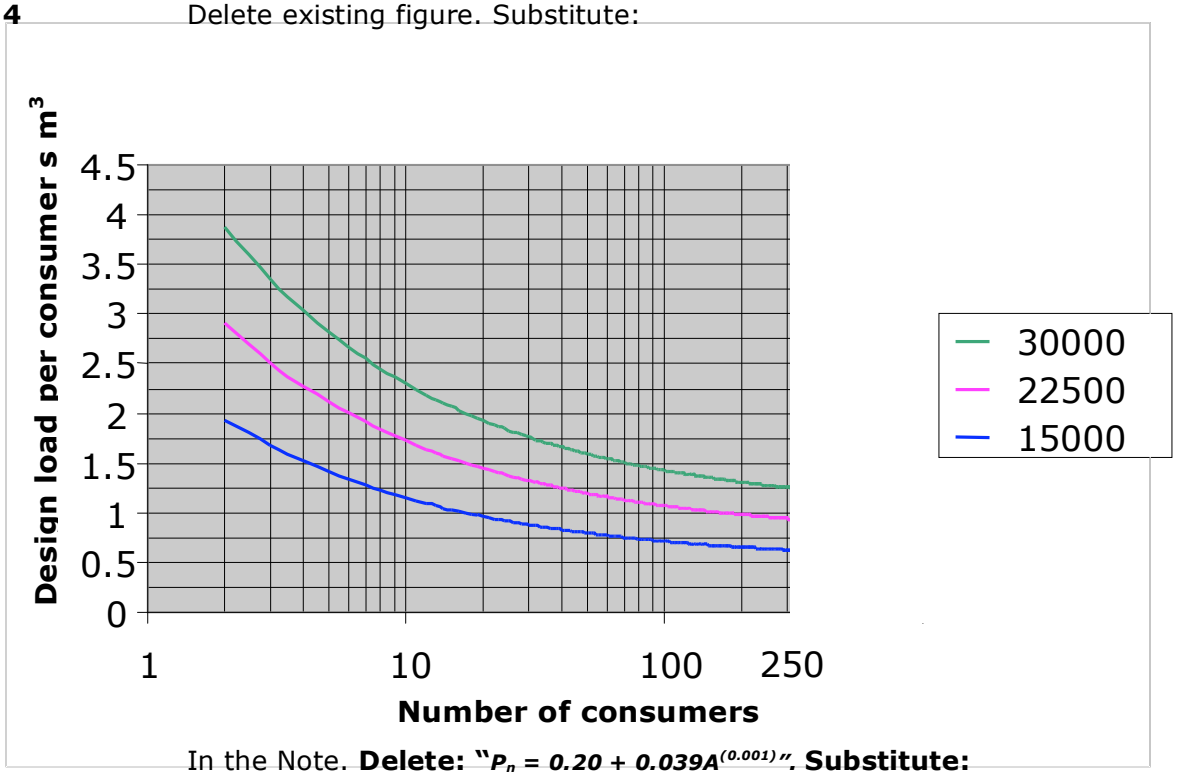
A5.1.1

In the Note. **Delete:** "$P_n = 0.043A^{(0.001)}$". **Substitute:**

$P_n = 0.043A(0.001)$

Figure 4

Delete existing figure. Substitute:



A5.1.2

In the Note. **Delete:** "$P_n = 0.20 + 0.039A^{(0.001)}$". **Substitute:**

$P_n = 0.20 + 0.039A(0.001)$

A5.1.3

In the Note. **Delete:** "$P_n = 0.05A^{(0.001)}$. **Substitute**:

$P_n = 0.05A(0.001)$

A5.1.4

In the units to the first equation. **Delete:** (kWh **Substitute:**

(kWh)

A5.1.5 **Delete:** the first equation for d_{1+2} (equation (C)). **Substitute:**

$$d_{1+2} = \frac{n_1 a_1 + n_2 a_2}{n_1 + n_2} + \frac{\left(n_1 b_1^2 + n_2 b_2^2\right)^{0.5}}{n_1 + n_2}$$

A5.1.5 **Delete** "therms then, using the results in (a) and (b):" **Substitute**: therms then, using the results in (a) and (b), (c) become:
Delete "C" in following equations (three instances)
Delete "C" = diversified flow

A.5.1.5 **Delete:** the equation for d_i **. Substitute:**

$$d_i = a_i + b_i n_i^{-0.5}$$

END OF AMENDMENTS TO IGE/GL/1 EDITION 2