

# I.S. 813:2014 Executive summary



I.S. 813:2014 was published on the 31<sup>st</sup> of January 2014 by NSAI.  
This updates and supersedes I.S. 813:2002 as amended.

All persons engaged in gas installation work should be aware of their duties under the current Building Regulations and the Local Government (Multi-Storey Buildings) Regulations, 1988 (S.I. No. 286 of 1988).

Below is a short list of the significant changes to I.S. 813 from the 2002 edition.

No.	Section	Description	Change	Page
1	<b>Foreword</b>	Energy Miscellaneous Act 2006	New	7
2	<b>Table 1</b>	Material Standards Chart	New	21
3	<b>6.7</b>	Permitted Appliance locations in a bathroom	New	35-36
4	<b>Table 6</b>	Hearth dimensions		40
5	<b>10.9</b>	Extended flues	New	46
6	<b>Table 7</b>	Flue terminal locations		48
7	<b>Figure 5</b>	Flue		49
8	<b>Figure 7b</b>	Flue		50-51
9	<b>Table 9</b>	Open-flued appliances – Minimum ventilation requirements		55
10	<b>12.1</b>	Let-by test	New	58
11	<b>B.3.4.2.5</b>	LPG hose lengths, inspections and life span	New	66
12	<b>Fig B.1</b>	Figure B.1 – Siting of LPG cylinder in use	New	68
13	<b>Table B.2</b>	Table B.2 - Minimum horizontal separation distance required between various features or hazards and an LPG cylinder installation	New	69
14	<b>C.2</b>	Servicing a domestic gas appliance - Extended concealed flues	New	70
15	<b>Annex D</b>	Meter Installations (Informative) – For definitive text, refer to I.S. 265+prA1	New	72-74
16	<b>E.10</b>	Safety of existing installations – Carbon monoxide detector		77
17	<b>Annex I</b>	Carbon monoxide detectors (normative)	New	87-88
18	<b>Annex K</b>	Electrical considerations (informative)		91-94
19	<b>Annex N</b>	Jointing procedures for the construction of pressed joints (normative)	New	103-104
20	<b>Annex O</b>	Guidelines for the construction of corrugated stainless steel tubing (CSST) pipework systems (informative)	New	105-106
21	<b>Annex P</b>	Assessing air permeability (informative)	New	107-108
22	<b>Annex Q</b>	Conversion of existing domestic oil-fired central heating boilers to gas-fired (informative)	New	109-110

**Correction: "M" as described in Table 7 is missing from Figure 5. "M" should replace "R" in the top left hand corner of the Figure 5.**

The list above highlights some areas where significant changes have been made to I.S. 813 or where new sections have been added. This list is not exhaustive and you should familiarise yourself with the entire document to ensure you are complaint with I.S. 813:2014.