

IGEM Standards

November 2014



*Founded 1863
Royal Charter 1929
Patron: Her Majesty the Queen*



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ABOUT IGEN STANDARDS

Since the 1960s, IGEN has published technical Standards that are now recognized as trusted industry Standards, used to assist in compliance with national legislation and official approved codes of practice and guidance. IGEN Standards relate to aspects of the Pipelines Safety Regulations; Pressure Systems Safety Regulations; Gas Safety (Management) Regulations; Gas Safety (Installation and Use) Regulations; Dangerous Substances and Explosive Atmospheres Regulations; Reporting of Injuries, Diseases and Dangerous Occurrences Regulations; Building Regulations; Health and Safety at Work etc. Act; Management of Health and Safety at Work Regulations; Pressure Equipment Regulations, Electricity at Work Regulations and so on.

The Standards are drafted by expert Panels representing a cross-section of the relevant parts of the gas industry. Regulatory bodies such as HSE, Ofgem and Gas Safe Register contribute to the drafting process. The drafts are issued to the industry and other stakeholders for review and comment prior to publication and, thus, take into account the sometimes broad range of views on the content. The professional status of IGEN ensures its Standards reflect the best possible levels of safety, practice and quality within reasonable cost.

In general, IGEN Standards do not overlap the scope of British Standards (BS) but they do often mirror the scope of British European Standards (BS EN) adding much more detail in many cases. There is no intent to contradict other such standards, and it is IGEN's policy to ensure this does not occur.

IGEM's Standards are all available in hard copy. IGEN does also offer an Online Standards facility, which is provided under a three year license. Access is available through the IGEN Online Standards microsite with a valid e-mail address and password. The benefits of the online system are:

- The Standards are always up to date
- Search facility in the Standards is provided
- New publications onto the system are notified on the Home page
- The company does not have to manage a 'library'
- Is accessible through the internet, so not confined to the office
- A Help page is provided.

In order to subscribe to the full service please contact technical@igem.org.uk for a quotation.

The **SCOPE** (pages 4 and 5) allows an "at a glance" view of the subject of the Standards and aspects covered. In general, the advice is set at an intermediate to high level although some books, such as IGEN/GM/6, give detail on "standardised" installations and, hence, contain more prescription.

ABOUT THIS LIST

The list uses the following terms:

Edition X	Where an edition number is stated, the previous edition is superseded i.e. is not current and is obsolete.
Set of Amendments	The edition is issued with separate amendments to bring it up to date. These amendments are issued with every Standard purchased but, where this was purchased prior to issue of amendments, they are available for downloading from the IGEN website (www.igem.org.uk) or by email to technical@igem.org.uk .
Reprint with Amendments	The edition has been reprinted to contain amendments (and enhancements if applicable). Owners of the previous version of the same edition will have to insert amendments (see above) to bring that version up to date. It is not essential to insert enhancements.
Nth Impression	Refers to a re-print with enhancements. Previous impressions remain current.

IGEM STANDARDS

ITEM and EDITION	TITLE (COMMUNICATION NO.)	DATE	STANDARD 2014 PRICE £	MEMBER/IA 2014 PRICE £
TRANSMISSION AND DISTRIBUTION				
IGEM/TD/1 Ed 5	Steel pipelines for high pressure gas transmission (1735) Set of amendments issued 2009	2008	265	176
IGEM/TD/1 Ed 5 Supp 1	Handling, transport and storage of steel pipe, bends and fittings (1736)	2008	68	45
IGEM/TD/2 Ed 2	Assessing the risks from high pressure Natural Gas pipelines (1764)	2013	116	77
IGE/TD/3 Ed 5	Steel and PE pipelines for gas distribution (1770)	2014	175	116
IGE/TD/4 Ed 4	PE and steel gas services and service pipework (1725)	2007	175	116
IGE/TD/12 Ed 2 Reprint with Amds	Pipework stress analysis for gas industry plant (1757)	2012	141	93
IGEM/TD/13 Ed 2	Pressure regulating installations for Natural Gas, Liquefied Petroleum Gas and Liquefied Petroleum Gas/Air (1755)	2011	216	143
IGEM/TD/16	Biomethane injection (1768)	2014	93	61
IGEM/TD/17	Steel and PE pipelines for biogas distribution (1769)	2014	68	45
IGEM/TD/101 Ed 2	Adoption of pipe systems by a GT - management of UIP activities (1740)	2009	85	56
IGEM/TD/102	Competence framework (1761)	2012	85	56
GAS MEASUREMENT				
IGE/GM/4 Ed 2	Flowmetering practices. Inlet pressure exceeding 38 bar and not exceeding 100 bar (1719)	2006	168	111
IGEM/GM/5 Ed 3	Electronic gas meter volume conversion systems (1730)	2008	107	71
IGEM/GM/6 Ed 2	Non-domestic meter installations. Standard designs (1750)	2011	168	111
IGEM/GM/7A	Electrical connections for gas metering equipment (1731)	2008	116	77
IGEM/GM/7B	Hazardous area classification for gas metering equipment (1732)	2008	93	61
IGE/GM/8 Part 1	Non-domestic meter installations. Flow rate exceeding 6 m ³ h ⁻¹ and inlet pressure not exceeding 38 bar Design (1706)	2005	175	116
IGE/GM/8 Part 2	Locations, housings and compounds (1707)	2005	85	56
IGE/GM/8 Part 3	Fabrication, installation, testing and commissioning (1708)	2006	107	71
IGE/GM/8 Part 4	Operation and maintenance (1709)	2006	85	56
IGE/GM/8 Part 5	Notices and labels (1710)	2005	85	56
UTILIZATION				
IGE/UP/1 Ed 2 Reprint with Amds	Strength testing, tightness testing and direct purging of industrial and commercial gas installations (1716)	2005	116	77
IGE/UP/1 Ed 2 Amds	Set of amendments for IGE/UP/1 Ed 2 (1683)	2005	FREE*	FREE*
IGE/UP/1A Ed 2 Reprint with Amds	Strength and tightness testing and direct purging of small low pressure industrial and commercial Natural Gas installations (1717)	2005	93	61
IGE/UP/1A Ed 2 Amds	Set of amendments for IGE/UP/1A Ed 2 (1701)	2005	FREE*	FREE*
IGEM/UP/1B Ed 3	Tightness testing and direct purging of small Liquefied Petroleum Gas/Air, Natural Gas and Liquefied Petroleum Gas installations. (1759). Set of amendments issued 2012	2012	107	71
IGEM/UP/1C	Strength testing, tightness testing and direct purging of Natural Gas and LPG meter installations (1751)	2011	93	61
IGEM/UP/2 Ed 3	Installation pipework on industrial and commercial premises (1771)	2014	210	139
IGE/UP/3 Ed 2	Gas fuelled spark ignition and dual fuel engines (1720)	2006	107	71
IGEM/UP/4 Ed 3	Commissioning of gas fired plant on industrial and commercial premises (1738)	2009	67	44
IGEM/UP/6 Ed 2	Application of compressors to Natural Gas fuel systems (1741)	2009	107	71
IGE/UP/7 Ed 2	Gas installations in timber framed and light steel framed buildings (1722). Set of amendments issued 2008	2006	107	71
IGE/UP/9 Ed 2	Application of Natural Gas and fuel oil systems to gas turbines and supplementary and auxiliary fired burners (1705)	2004	107	71
IGE/UP/10 Ed 3	Installation of flued gas appliances in industrial and commercial premises (1726). Set of amendments issued 2010	2007	152	101
IGEM/UP/11 Ed 2	Gas installations for educational establishments (1744)	2010	85	56
IGE/UP/12	Application of burners and controls to gas fired process plant (1713) Set of amendments issued 2009	2006	152	101
IGEM/UP/16	Design for Natural Gas installations on industrial and commercial premises with respect to hazardous area classification and preparation of risk assessments (1756) Set of amendments issued 2013	2011	107	71
IGEM/UP/17	Shared chimney and flue systems for domestic gas appliances (1754)	2011	107	71
IGEM/UP/18	Gas installations for vehicle repair and body shops (1758)	2012	67	44
IGEM/UP/19	Design and application of interlock devices and associated systems used with gas appliance installations in commercial catering establishments	2014	93	85
GUIDANCE				
IGEM/UP/1101	Guidance on gas installations for the management and staff within educational establishments (1745)	2010	20	13

Amds = Amendments. Ed = Edition. Imp = Impression. Supp = Supplement.

*Free as download only, unless stated otherwise or for amendments with its associated Standard.

IGEM STANDARDS

ITEM and EDITION	TITLE (COMMUNICATION NO.)	DATE	STANDARD 2014 PRICE £	MEMBER/IA 2014 PRICE £
GAS LEGISLATION				
IGE/GL/1 Ed 2	Planning of gas distribution systems of MOP not exceeding 16 bar (1718)	2005	93	61
IGE/GL/2 Ed 2	Planning of transmission and storage systems operating at pressures exceeding 16 bar (1727)	2007	67	44
IGEM/GL/4 Ed 2	Gas system assets – risk management (1743)	2010	67	44
IGE/GL/5 Ed 2	Procedures for managing new works, modifications and repairs (1715)	2005	67	44
IGEM/GL/6 Ed 2	Permitry for the safe flow of gas (1747)	2010	85	56
IGE/GL/8 Ed 2	Reporting and investigation of gas related incidents (1721)	2007	107	71
IGE/GL/9	Guidance for large consumers in dealing with Natural Gas supply emergencies. Download at www.igem.org.uk	2006	FREE*	FREE*
GENERAL				
IGEM/G/1 Ed 2	Defining the end of the Network, a meter installation and installation pipework (1765). Download at www.igem.org.uk	2013	85	56
IGEM/G/4 Edition 2	Definitions for the gas industry (1763). Download at www.igem.org.uk	2012	FREE*	FREE*
IGEM/G/5 Ed 2	Gas installations in multi-occupancy buildings (1762)	2012	141	93
IGEM/G/6	Gas supplies to mobile dwellings (1728)	2009	85	56
IGEM/G/8	Handling, transport and storage of PE pipe and fittings (1749)	2010	85	56
SAFETY				
IGEM/SR/4 Ed 3	Variable volume gasholders storing lighter than air gases (1752)	2011	128	85
IGEM/SR/14 Edition 2	Fixed volume storage for lighter than air gases (1742)	2010	107	71
IGEM/SR/15 Ed 5	Integrity of safety-related systems in the gas industry (1746)	2010	116	77
IGEM/SR/16 Ed 2	Odorant systems for gas transmission and distribution (1734)	2008	85	56
IGE/SR/18 Ed 2	Safe working practices to ensure the integrity of gas pipelines and associated installations (1678)	2002	67	44
IGE/SR/22	Purging operations for fuel gases in transmission, distribution and storage (1625)	1999	93	61
IGE/SR/23 2nd Imp	Venting of Natural Gas (1623)	1995	93	61
IGE/SR/24	Risk assessment techniques (1655)	1999	85	56
IGEM/SR/25 Ed 2	Hazardous area classification of Natural Gas installations (1748) Set of amendments issued 2013	2010	178	118
IGEM/SR/28 Ed 2	Trenchless techniques (1753)	2011	128	85
IGEM/SR/29	Dealing with gas escapes (1760)	2012	85	56
CERTIFICATES OF STRENGTH AND TIGHTNESS TESTING AND DIRECT PURGING TO IGE/UP/1 EDITION 2 AND IGE/UP/1A EDITION 2 (shrink wrapped pads of 25 triplicate certificates)				
StT/UP/1A	Certificate of strength testing for IGE/UP/1A	2004	20	13
Tt/UP/1A	Certificate of tightness testing for IGE/UP/1A	2004	20	13
DP/UP/1A	Certificate of direct purging for IGE/UP/1A	2004	20	13
StT/UP/1	Certificate of strength testing for IGE/UP/1	2004	20	13
Tt/UP/1	Certificate of tightness testing for IGE/UP/1	2004	20	13
DP/UP/1	Certificate of direct purging for IGE/UP/1	2004	20	13

Amds = Amendments. Ed = Edition. Imp = Impression.

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SCOPE OF IGEN STANDARDS

TD series	Upstream of and including ECV	Planning/design/construction	Testing/commissioning	Operation maintenance	Natural Gas	LPG	Other gases	Other fuels	Operational safety	Operational management	Risk and safety assessments	Load/stress analysis	Labelling/markings	Records	Corrosion and damage	Alterations	Connections	Legal & Standards	Steel pipe	PE pipe	Other pipe materials	Electrical	Pipe/ meter sizing
TD/1 Ed 5	Transmission pipelines and associated installations. MOP > 16 bar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TD/1 Ed 5 S1	Steel pipe and components. Storage and transportation								<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>				
TD/2 Ed 2	Transmission pipelines. Risk assessment for developments.	<input type="checkbox"/>			<input type="checkbox"/>						<input type="checkbox"/>							<input type="checkbox"/>					
TD/3 Ed 5	Distribution pipelines. MOP ≤ 16 bar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TD/4 Ed 4	Services. MOP ≤ 16 bar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TD/12 Ed 2 RWA	Stress analysis											<input type="checkbox"/>						<input type="checkbox"/>	<input type="checkbox"/>				
TD/16	Biomethane injection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
TD/17	Steel and PE pipelines for biogas distribution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		
TD/13 Ed 2	Pressure regulating installations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TD/101 Ed 2	Management of UIP activities									<input type="checkbox"/>								<input type="checkbox"/>					
TD/102	Competence framework									<input type="checkbox"/>													
GM series	Metering																						
GM/4 Ed 2	Flow metering practice. MOP > 38 ≤ 100 bar (I&C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
GM/5 Ed 3	Electronic gas meter volume conversion systems (D, I&C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>			<input type="checkbox"/>		
GM/6	Meter installations. (I&C) Flow > 6 m ³ h ⁻¹ MOP ≤ 75 mbar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GM/7A	Electrical connections. (D, I&C) MOP ≤ 100 bar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
GM/7B	Hazardous area classification. MOP ≤ 75 bar				<input type="checkbox"/>						<input type="checkbox"/>		<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>				
GM/8 Pt 1	Meter installations. (I&C) – Design. MOP ≤ 38 bar	<input type="checkbox"/>			<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GM/8 Pt 2	Meter installations. (I&C) – Location and housing.	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>									<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>		
GM/8 Pt 3	Meter installations. (I&C) – Installation and commissioning.	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GM/8 Pt 4	Meter installations. (I&C) – Operation and Maintenance.			<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GM/8 Pt 5	Meter installations. (I&C) – Notices and labels. MOP ≤ 38 bar				<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>					
UP series	Downstream of ECV																						
UP/1 Ed 2 RWA	Strength testing, tightness testing and purging MOP ≤ 16 bar (I&C)		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
UP/1A Ed 2 RWA	Strength testing, tightness testing and purging MOP ≤ 40 mbar (I&C)		<input type="checkbox"/>		<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
UP/1B Ed 3	Tightness testing and purging (D).		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>								<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
UP/1C	Strength testing, tightness testing and purging Meters (I&C) MOP ≤ 7 bar		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
UP/2 Ed 3	Installation pipework MOP ≤ 60 bar (I&C)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UP/3 Ed 2	Gas fuelled spark ignition and dual fuel engines. MOP ≤ 400 bar (I&C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UP/4 Ed 3	Commissioning of gas fired plant (I&C)		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UP/6 Ed 2	Compressors. MOP ≤ 400 bar (I&C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UP/7 Ed 2	Gas installations in framed buildings (D, I&C)	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UP/9 Ed 2	Gas turbines (I&C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UP/10 Ed 3	Gas appliances in industrial and commercial premises (I&C)	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UP/11 Ed 2	Gas for educational establishments (C)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UP/12	Gas fired process plant (I)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UP/16	Hazardous area classification (I&C)	<input type="checkbox"/>			<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PLACING ORDERS (Subject to availability of the Standard)

An Order Form is provided on Page 8. Orders can be placed using the following methods:

- Phone - +44 (0) 1889 561 431
- Fax - +44 (0) 1889 568 264
- Email - igem@yesresponse.co.uk
- Online - www.igem.org.uk
- Post - IGEM Standards, PO Box 2584, Uttoxeter, ST14 9AB

Payment must be received before goods can be dispatched. Dispatch of goods is normally within 2 working days of payment. The following methods of payment are accepted:

- credit card (MasterCard or Visa). Please give card name, number, expiry date, valid from date, 3 digit security code and address
- cheque sent to the above address. Please mark correspondence "IGEM Standards Sales"
- through bank transfer (overseas customers will incur a charge for this method). Please request this on the Order Form.

Accounts can be set up for large volume regular orders, under certain conditions.

This list of Standards will be updated as necessary to reflect items currently available. Prices are reviewed annually (1st January) but IGEM reserves the right to change prices at other times and without notice.

ORDERING IGEM STANDARDS

If you wish to order an IGEM Standard or have any other queries, please do not hesitate to contact us using the following methods.

TELEPHONE: 01889 561431

FAX: 01889 568264

POST: IGEM Standards, PO Box 2584, Uttoxeter, ST14 9AB

EMAIL: igem@yesresponse.co.uk

ONLINE: www.igem.org.uk

ORDER FORM

Standard	Quantity	Standard	Quantity	Standard	Quantity	Standard	Quantity
IGEM/TD/1 Edition 5	<input type="text"/>	IGE/GM/8 Pt 3	<input type="text"/>	IGEM/UP/18	<input type="text"/>	IGE/SR/24	<input type="text"/>
IGEM/TD/1 Edition 5 Supp 1	<input type="text"/>	IGE/GM/8 Pt 4	<input type="text"/>	IGEM/G/1 Edition 2	<input type="text"/>	IGEM/SR/25 Edition 2	<input type="text"/>
IGEM/TD/2 Edition 2	<input type="text"/>	IGE/GM/8 Pt 5	<input type="text"/>	IGEM/G/5 Edition 2	<input type="text"/>	IGEM/SR/28 Edition 2	<input type="text"/>
IGE/TD/3 Edition 5	<input type="text"/>	IGE/UP/1 Edition 2 RWA	<input type="text"/>	IGEM/G/6	<input type="text"/>	IGEM/SR/29	<input type="text"/>
IGE/TD/4 Edition 4	<input type="text"/>	IGE/UP/1A Edition 2 RWA	<input type="text"/>	IGEM/G/8	<input type="text"/>		<input type="text"/>
IGE/TD/12 Edition 2 RWA	<input type="text"/>	IGEM/UP/1B Edition 3	<input type="text"/>	IGE/GL/1 Edition 2	<input type="text"/>	StT/UP/1	<input type="text"/>
IGEM/TD/13 Edition 2	<input type="text"/>	IGEM/UP/1C	<input type="text"/>	IGE/GL/2 Edition 2	<input type="text"/>	TT/UP/1	<input type="text"/>
IGEM/TD/16	<input type="text"/>	IGEM/UP/2 Edition 3	<input type="text"/>	IGEM/GL/4 Edition 2	<input type="text"/>	DP/UP/1	<input type="text"/>
IGEM/TD/17	<input type="text"/>	IGE/UP/3 Edition 2	<input type="text"/>	IGE/GL/5 Edition 2	<input type="text"/>	StT/UP/1A	<input type="text"/>
IGEM/TD/101 Edition 2	<input type="text"/>		<input type="text"/>		<input type="text"/>	TT/UP/1A	<input type="text"/>
IGEM/TD/102	<input type="text"/>	IGEM/UP/4 Edition 3	<input type="text"/>	IGEM/GL/6 Edition 2	<input type="text"/>	DP/UP/1A	<input type="text"/>
IGE/GM/4 Edition 2	<input type="text"/>	IGEM/UP/6 Edition 2	<input type="text"/>	IGE/GL/8 Edition 2	<input type="text"/>		<input type="text"/>
IGEM/GM/5 Edition 3	<input type="text"/>	IGE/UP/7 Edition 2	<input type="text"/>	IGEM/SR/4 Edition 3	<input type="text"/>		<input type="text"/>
IGEM/GM/6 Edition 2	<input type="text"/>	IGE/UP/9 Edition 2	<input type="text"/>	IGEM/SR/14 Edition 2	<input type="text"/>		<input type="text"/>
IGEM/GM/7A	<input type="text"/>	IGE/UP/10 Edition 3	<input type="text"/>	IGEM/SR/15 Edition 5	<input type="text"/>		<input type="text"/>
IGEM/GM/7B	<input type="text"/>	IGEM/UP/11 Edition 2	<input type="text"/>	IGEM/SR/16 Edition 2	<input type="text"/>		<input type="text"/>
IGE/GM/8 Pt 1	<input type="text"/>	IGE/UP/12	<input type="text"/>	IGE/SR/18 Edition 2	<input type="text"/>		<input type="text"/>
IGE/GM/8 Pt 2	<input type="text"/>	IGEM/UP/16	<input type="text"/>	IGE/SR/22	<input type="text"/>		<input type="text"/>
	<input type="text"/>	IGEM/UP/17	<input type="text"/>	IGE/SR/23	<input type="text"/>		<input type="text"/>

Credit Card Orders:

Type of card (Mastercard/Visa)..... Card Name

Expiry Date/..... Card Address

CARD NUMBER

Valid/Start date/.....

Security Number*

* the 3 digit security code at the back of the card

ALL Orders:

Contact Name..... Telephone Number

Address to which INVOICE should be sent (if different from above)

.....

Address to which ordered goods should be sent (if different from above)

.....

Delivery type

Please indicate the how you wish your order to be delivered:

UK 1st Class - £5.95 Courier - £10

Rest of the world 1st Class - £9.95 Courier - £48

Member Discounts:

Member discounts apply on all Standards. To process a member discounts (IGEM Members and Industrial Affiliates) we will need your membership number or your industrial affiliate number. If no details are entered here, goods will be priced at the standard rate.

Industrial Affiliate Number..... Membership Number

Name and/or Company

Order Total £

Signature: Date: