

CODE OF PRACTICE GU04

EXCESS FLOW VALVES FOR PIPED GAS SUPPLY TO DOMESTIC GAS COOKING INSTALLATIONS

First Edition

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Section 1 Foreword

- 1.1 The purpose of this code is to provide guidelines to personnel in the gas industry including suppliers, registered gas contractors, registered gas installers, etc. for the supply and installation of excess flow valves for connection to domestic gas cooking appliances in piped gas supply system. The code, however, is not applicable to cylinder LPG supply system connected with low pressure regulator which has integral excess flow device in compliance with the Code of Practice No. 9 – Low Pressure Regulators for Supplying Gas from LPG Cylinders Having Less Than 40 Litres Water Capacity.
- 1.2 Domestic gas cooking appliances, which are classified as domestic gas appliance in Gas Safety (Installation and Use) Regulation 2, refer to those cooking appliances which burn gas types defined in Section 2 of the Gas Safety Ordinance, Chapter 51. Domestic gas appliances, having a rated heat input up to 70kW, shall be of a type and model approved by the Gas Authority in accordance with the Code of Practice GU05 – Approval of Domestic Gas Appliances.
- 1.3 This code should not be regarded as exhaustive. It is not intended to relieve persons from undertaking the work of their statutory responsibilities in accordance with the safety legislation.
- 1.4 This code does not purport to address all of the safety concerns, if any, associated with the safety requirements therein. It is the responsibility of the personnel in the gas industry to establish appropriate safety and health practices and determine the applicability of relevant regulatory requirements prior to the use of the code.
- 1.5 Suppliers shall ensure that the excess flow valve products satisfy the requirements of the code and also, in the interests of safety, pledge to comply with the general provisions of gas fittings in particular the construction and material requirements under Regulation 4(1) of the Gas Safety (Installation and Use) Regulations. Suppliers may apply for inclusion of their excess flow valve products into the listing maintained by the Gas Authority as detailed in Section 4 of the code.
- 1.6 Inclusion in the listing does not derogate the responsibilities of the suppliers

from fully complying with all other current relevant codes of practice, approval requirements, and statutory requirements of the government departments, bodies, etc. under the Laws of Hong Kong.

- 1.7 Suppliers shall be fully responsible for the quality of the excess flow valve they distribute, supply or sell and must take all reasonable measures to monitor performance of manufacturers and implement any remedial measures arising from product safety and quality concerns (see Sections 4.2.10 and 4.3.3). Inclusion in the listing does not imply or guarantee production quality of shipments of excess flow valves for use in Hong Kong.
- 1.8 The listing will be maintained to contain models of excess flow valves that continue to comply with the requirements of the code (see Section 4). The Gas Authority will:
 - (a) assume no responsibilities for how the information contained in the listing is used;
 - (b) make no representations, warranties or endorsements whatsoever about the suitability of proprietary products and related services for individual users / applications, safety of products, fitness for purposes, mercantile quality, etc.; and
 - (c) not be liable for any loss or damage or injury to any property or person however arises whether directly or indirectly as a result of referring to or using any information contained in the listing.
- 1.9 All gas installation work covered in the code shall be in accordance with the Gas Safety Ordinance, Chapter 51, and its subsidiary legislation.

Section 2 Scope and Terminology

2.1 Scope

- 2.1.1 The code shall apply when a domestic gas cooking appliance is newly installed, re-installed, or altered for re-connection to a piped gas supply system via an isolation valve and a length of flexible gas tubing made of plain rubber.
- 2.1.2 In a piped gas supply system having a domestic gas cooking appliance connected to a flexible gas tubing made of plain rubber, an excess flow valve shall be installed either
- (a) between the outlet of the isolation valve and the inlet of the flexible gas tubing, or
 - (b) as an integrated excess flow valve and isolation valve unit to be connected to the inlet of the flexible gas tubing.
- 2.1.3 Typical arrangement of excess flow valve are shown in Appendix 1 for illustration purposes.
- 2.1.4 Installation of excess flow valve for piped gas supply to domestic gas cooking appliance via rigid metal pipe, or metal flexible gas tubing or metal-braided flexible gas tubing is recommended though optional because it may as well further enhance safety.
- 2.1.5 Registered Gas Contractors are encouraged to add excess flow valve to existing domestic gas cooking appliance connected to a flexible gas tubing at the earliest opportunity, e.g. during regular safety inspections, attendance of fault services, flexible gas tubing replacement, etc.
- 2.1.6 In connection with Sections 2.1.1 and 2.1.2, all models of low pressure flexible gas tubing shall be approved by the Gas Authority in accordance with the Code of Practice GU01 "Approval of Flexible Gas Tubing for Low Pressure Applications" before they can be supplied for use in Hong Kong.

2.2 References

2.2.1 The code must be read in conjunction with the relevant manufacturer's instructions and shall not supersede such instructions unless the latter conflict with statutory provisions. Attention is also drawn to the current edition of the following regulations and codes of practice:

- (a) Code of Practice GU01 – Approval of Flexible Gas Tubing for Low Pressure Applications;
- (b) Code of Practice GU05 – Approval of Domestic Gas Appliances;
- (c) The Hong Kong and China Gas Co. Ltd.'s Operating Procedure – Service: Installation of Domestic Gas Appliances, HKCG/SER/OP7; and
- (d) National / international standards such as those listed in Section 2.2.2.

2.2.2 The following national / international standards are for reference:

ASTM F 2138	Standard Specification for Excess Flow Valves for Natural Gas Service
ASTM F 1802	Standard Test Method for Performance Testing of Excess Flow Valves
DVGW-VP 305-1	Excess Flow Valves for Gas Installation Pipe (German Version)
ISO 2859	Sampling Procedures for Inspection by Attributes
ISO 2859-1	Sampling Procedures for Inspection by Attributes – Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection
ISO 9001	Quality Management Systems – Requirements
JIA F 001	Gas Valves Inspection Standard
JIS S 2120	Gas Valves
LIA 220	Inspection Standards for Gas Valves

NF XP E 29-140 Control Cocks for Household Appliances Using Gaseous Fuels – Safety Cocks (with Integrated Automatic Obturator)

2.3 Terminology

“applicant”	means a person who applies to the Gas Authority for listing of a model of EFV in accordance with the prescribed conditions of this code.
“automatic reset”	is a feature to change an excess flow valve from a closed position to an open position automatically.
“domestic gas appliance”	means a gas appliance (construed as gas cooking appliance in the code) which is designed, or intended, to be used primarily in domestic premises, irrespective of whether it is so used. Those gas appliances having heat inputs exceeding 70kW are excluded from the requirements of the code.
“domestic premises”	means any premises which are constructed or intended to be used for habitation.
“excess flow valve”	is a normally open valve or device which closes automatically when a predetermined flow rate in a particular direction is exceeded.
“flexible gas tubing”	means flexible gas tubing approved in accordance with Regulation 3 of the Gas Safety (Miscellaneous) Regulations, Chapter 51.
“Gas Authority”	the Authority appointed under Section 5 of

the Gas Safety Ordinance, Chapter 51.

"leak rate"	is the flow of gas through an excess flow valve after trip.
"listing"	is the list maintained by the Gas Authority for the models of excess flow valve that should comply with the requirements of this code.
"maximum inlet pressure"	is the maximum pressure, as stated by the excess flow valve manufacturer, at which an excess flow valve is designed to perform in the operating zone.
"minimum inlet pressure"	is the minimum pressure, as stated by the excess flow valve manufacturer, at which an excess flow valve is designed to perform in the operating zone.
"nominal flow"	gas flow rate when the cooking appliance is operated at rated maximum load.
"nominal inlet pressure"	is the nominal pressure, as stated by the excess flow valve manufacturer, at which an excess flow valve is designed to perform in the operating zone. It shall correspond to the nominal pressure in the piped gas system to which the excess flow valve is installed.
"pressure drop"	is the pressure drop across the excess flow valve.
"Recognised Certification Authority (RCA)"	is an independent organization, which is empowered under law or decree, (e.g. notified body appointed by the Commission of European Communities) and recognised by the Gas Authority, to certify that an excess flow valve is designed and in compliance

	with national / international safety standards.
“ relative density”	in relation to any gas, means the ratio of the mass of a volume of the gas when containing no water vapour to the mass (expressed in the same units) of the same volume of air containing no water vapour under the same conditions of temperature and pressure.
“ Registered Gas Contractor”	means a person or a company who as a business carries out gas installation work and is registered under the Gas Safety Ordinance, Chapter 51.
“ Registered Gas Installer”	means an individual who personally carries out gas installation work and is registered under the Gas Safety Ordinance, Chapter 51.
“ supplier”	means a person who imports or manufactures locally a model of excess flow valve for use in a piped gas supply system in Hong Kong.
“ trip”	is the activation of the mechanism in an excess flow valve to stop the flow of gas in the piped gas supply system.
“ trip flow”	is the rate of passage of gas through an excess flow valve that will cause the excess flow valve to trip.
“ Wobbe number”	a number derived by dividing the calorific value of any gas [in MJ/m ³] by the square root of the relative density of the gas with respect to air at standard conditions.

Section 3 Selection of Excess Flow Valve

3.1 Technical Specification

The following specification requirements shall be met by the manufacturer and be verified by the applicant.

3.1.1 Design Requirements

3.1.1.1 Excess flow valve shall be designed and manufactured to recognised national or international standards, for example NF standard (France), DVGW standard (Germany), JIS (Japan), ASTM standard (USA), etc. in respect of general construction, performance and test methods; and shall be of a model having operating characteristics suitable for use with the gas types in Hong Kong as defined in the Gas Safety Ordinance, Chapter 51.

3.1.1.2 The rating of an excess flow valve must be set above and not too close to the nominal system flow to prevent possible nuisance closing under normal operating condition, typically in the case of surge during cooking appliance starting. In general, an excess flow valve with a trip flow of about 50% in excess of the nominal flow is recommended.

3.1.1.3 In the shut-off condition, an excess flow valve may permit a small leak rate of gas in order to permit tracing of the source of leakage or, where applicable, to enable automatic resetting of the valve. The leak rate shall be specified to comply with a recognised national or international standard and be suitable for safe use in local piped gas supply to typical domestic gas cooking appliance installations.

3.1.1.4 Excess flow valve shall be designed to protect against external interference or tampering at the valve connections against closure of the valve.

3.1.2 Inlet Valve Connection

Inlet valve connection shall be of screw joint to recognised national or international standard, and be compatible with the gas installation pipe to be connected.

3.1.3 Outlet Valve Connection

Outlet valve connection may be of screw joint, rigid coupling type or gas tubing connection to recognised national or international standard and shall be compatible with the gas installation pipe to be connected.

3.1.4 Materials

Materials used to construct the excess flow valve in contact with gas shall not adversely affect the operating performance of the excess flow valve. The materials shall have adequate resistance to the attack from the cooking environment, e.g., thermal or mechanical stress, and to chemical attacks encountered in a piped gas supply system. All valve components shall be durable and have a life expectancy in the region of 30 years.

3.1.5 Dimensions

Excess flow valve shall be of dimensions compatible with the gas pipe or fitting with which it is intended to be connected.

3.1.6 Maximum Inlet Pressure

Excess flow valve shall be suitable for carrying a maximum inlet pressure not exceeding 3.5kPa for LPG or 2kPa for Towngas.

3.1.7 Temperature Rating Range

Excess flow valve shall withstand an operating temperature up to 60°C.

3.1.8 Performance Data

Applicant / Supplier shall possess, and on the request of the Gas Authority shall produce, a technical specification of the model of excess flow valve, including but not limited to the following parameters (see Appendix 2 for the application form):

- i) Gas type,
- ii) Nominal flow;
- iii) Trip flow;

- iv) Nominal inlet pressure (corresponding to gas type);
- v) Maximum inlet pressure;
- vi) Minimum inlet pressure;
- vii) Leak rate;
- viii) Nominal pressure drop;
- ix) Temperature rating range; and
- x) Any special considerations for installation of excess flow valve.

3.2 Production Requirements

3.2.1 Product Certification, Production and Quality

Requirements for product certification, production and quality are stated in Section 4.

3.2.2 Marking or Labelling

The outer surface of an excess flow valve shall be engraved or durably marked to indicate or codify in the form of letters or symbols the following particulars:

- i) Name or trademark of the manufacturer;
- ii) Model or type number;
- iii) Name or mark of the RCA;
- iv) Coding showing the batch number or manufacture date;
- v) Flow direction;
- vi) Gas type; and
- vii) Trip flow rate at nominal inlet pressure (corresponding to gas type).

3.2.3 Packaging

Packaging for excess flow valve shall be adequately protected against damage or soiling during shipment and be displayed on the external surfaces printed descriptions, including connection size, nominal and trip flow rates (corresponding to gas type), in Chinese and English languages.

3.2.4 Installation Instructions

Each package of excess flow valve shall contain manufacturer's instructions, in Chinese and English languages, including the following information:

- i) national or international standard to which the valve complies with;
- ii) trip flow rate at nominal inlet pressure (corresponding to gas type);
- iii) installation procedure;
- iv) procedure for testing of excess flow valve after installation; and
- v) safety precautions, if any.

3.2.5 Production Testing

(a) The finished products of excess flow valve shall be subject to production quality inspection in accordance with the current edition of ISO 2859 or equivalent.

(b) Production inspection tests such as non-destructive tests shall be carried out to ensure proper performance of the excess flow valves in accordance with Section 3.1 of the code. Such tests may use air as testing medium and include, but not be limited to the following:

- i) Trip flow rate – at the trip point, the inlet pressure and flow rate are recorded and then corrected to the corresponding gas type and nominal inlet pressure;
- ii) Leak rate;
- iii) Pressure drop curve at different flow rates that are less than the valve's trip flow rate; and
- iv) Reset testing.

Section 4 Listing and De-listing of Excess Flow Valve

4.1 Provision of listing

A model of excess flow valve which is deemed to comply with the qualifying and undertaking conditions as set out in Sections 4.2 and 4.3 of the code will, upon application to the Gas Authority from the supplier, be eligible to be included in the listing of excess flow valves for reference of the gas industry. All registered gas contractors should verify the model of excess flow valve against the listing prior to valve installation. It is the responsibility of the registered gas contractor to refrain from installing any excess flow valve other than the one contained in the listing.

4.2 Qualifying Conditions for Inclusion in Listing

An applicant who is a registered gas contractor or who agrees to be in contractual partnership with a registered gas contractor who should undertake to provide technical support to the supplier may lodge an application in prescribed form (Appendix 2) together with documents and materials containing the following to the Gas Authority for inclusion in the listing of models of excess flow valves.

4.2.1 Technical Documentation of Product

Technical information of the model of excess flow valve including catalogue, specification, construction drawings, etc. as detailed in Section 3.1 of the code.

4.2.2 Manufacturer's Capabilities

Details of the manufacturer, including company profile, manufacturing facilities, organization structure, job references, etc.

4.2.3 Manufacturer's Production Quality System Certification

Original or certified true copy of quality system certification of the manufacturer's production to a recognized international or national quality standard (e.g. ISO 9001 or equivalent) issued by an accredited organization acceptable to the Gas Authority to ensure

- (a) the quality of safety-critical components and materials manufactured in-house and / or supplied by vendors or contractors;
- (b) the quality of stage production and assembly processes; and
- (c) the quality of products.

4.2.4 Manufacturer's Production Inspection System

Sample reports on production inspection tests of finished products of excess flow valve as detailed in Section 3.2.5.

4.2.5 Type Test Certification System

Original or certified true copy of type test certificate for a model of excess flow valve issued by a recognised certification authority (RCA)¹ specifying the compliance of the following requirements:

- (a) Type test to a recognised international or national product safety standards;
- (b) Suitability for a particular gas type (stating, for example, towngas with specified gas composition, LPG of a mix of 70% propane and 30% butane); and
- (c) Compatibility with the standards of gas fittings for domestic applications (e.g. BSP)

4.2.6 Installation Instructions by Manufacturer

Sample installation instructions satisfying the requirements in Section 3.2.4.

4.2.7 Statement by Manufacturer

Manufacturer's statement to undertake to provide full co-operation and

¹ The status of RCA shall be pre-qualified by the Gas Authority prior to formal submission of application for listing. See Page 6 of the Code.

support to the applicant in compliance with the requirements of the code.

4.2.8 Product Description Marking by Manufacturer

Details of the product description marking as required in Section 3.2.2.

4.2.9 Statement by Applicant

Applicant's statement of its capability (including company profile, organization structure, job references, etc.) and status in the local gas industry and its technical support to be provided to the supply chain, organization chart, copy of Business Registration Certificate, documentary proof of back-up technical support to be provided by a registered gas contractor in relation to gas installation work.

4.2.10 Manual of Remedial Measures by Applicant

A "Manual of Remedial Measures" documenting details of organization, contact person, telephone number and procedures to take prompt corrective actions to deal with emergency communication, product recall / recovery action, issue management, etc. in the event of a product safety problem / defect arising from the installation and use of the product.

4.2.11 Sample of Excess Flow Valve by Applicant

Required number of labelled samples of model of excess flow valve for evaluation purpose.

4.3 Undertaking Conditions for Inclusion in Listing

Applicants shall confirm in writing that, upon inclusion into the listing, they assume the role of suppliers and commit to continue to comply with the qualifying conditions as well as the following undertaking conditions:

4.3.1 Provision of Certificate of Compliance by Manufacturer

Each batch of shipment shall be accompanied by a certificate of compliance issued by the manufacturer confirming the location of

manufacture and the production quality and inspection systems to Sections 4.2.3 and 4.2.4.

4.3.2 Marking, Installation Instructions and Packaging by Manufacturer

Each batch of shipment shall comply with the requirements as detailed in Sections 3.2.2 to 3.2.4.

4.3.3 Quality Assurance by Supplier

The supplier is required to satisfy himself / herself with the continued quality of listed excess flow valve marketed for use in Hong Kong. Where the occurrence of repetitive or substantial complaint(s) or incident(s) indicates that a batch of excess flow valves fails to comply with safety or quality requirements or poses a potential safety hazard to the public, the current and forthcoming import, supply or sale of the model of excess flow valve for use in Hong Kong must be suspended without delay. The supplier must report the case to the Gas Authority for investigation immediately. Depending on the severity of the case, it may result in de-listing of the model, cessation of import, supply or sale and / or initiation of product recall pending appropriate recovery actions for correction of any variance in design or production. The actions documented in the "Manual of Remedial Measures" (see Section 4.2.10) shall be implemented by the supplier and, if necessary, in conjunction with the registered gas contractor referred to in Section 4.2.9, after consultation with the Gas Authority, in a prompt and effective manner.

4.3.4 Notification of Changes by the Supplier

It is the sole responsibility of the supplier to ensure correctness and continuing validity of all relevant certification documents in order to sustain the continuation of listing of the model of excess flow valve. The manufacturer shall promptly report to the RCA and the supplier, and the supplier shall, in turn, within 14 days report to the Gas Authority any change in particulars of products and production of the excess flow valve pertaining to Section 4.2 above. In case there are reported critical changes such as invalidation of quality system or type test certification, change in location of manufacture, etc., the supplier shall be temporarily prohibited from import, supply or sale of the batch(es) of excess flow

valves. All current stock of product imported or locally manufactured shall be withheld from supply or installation for use in Hong Kong pending outcome of inquiry or investigation by the Gas Authority.

4.3.5 Records of Import, Local Manufacture and Supply

The supplier shall keep records of import, local manufacture and supply for inspection by the Gas Authority for a period covering a minimum of two years at any time. In addition, the Gas Authority may request the supplier to produce a summary record at half-yearly intervals, and on an ad hoc basis should circumstances warrant.

4.3.6 Maintenance of Partnership with Registered Gas Contractor

Upon listing of the excess flow valve, the supplier should undertake to maintain partnership with a Registered Gas Contractor in terms of technical service support and, upon the request from the Gas Authority, should provide updated information on the partnership.

4.4 Provision of De-Listing

A model of excess flow valve which is deemed to be prejudicial to safety or have violated the qualifying / undertaking conditions or the Laws of Hong Kong will, upon notification in writing to the supplier, be struck off from the listing of excess flow valves. De-listing of the model of excess flow valve will be arranged after the conclusion of an inquiry or investigation by the Gas Authority into the case warranting de-listing. Where recovery and remedial work has been carried out by the supplier / manufacturer to the satisfaction of the Gas Authority, the supplier may apply for reinstatement of listing of the model of excess flow valve that has been de-listed.

Section 5 Installation and Inspection of Excess Flow Valve

5.1 Installation Requirements

- 5.1.1 Installation of excess flow valves shall comply with the requirements of Regulations 4(3) and 5 of the Gas Safety (Installation and Use) Regulations.
- 5.1.2 Installation of excess flow valve is considered as gas installation work and must be carried out by registered gas installers (RGI) employed by registered gas contractors (RGC) in accordance with the Gas Safety (Registration of Gas Installers and Gas Contractors) Regulations.
- 5.1.3 Prior to installation, the RGC should check that the model of EFV is suitable for the gas appliance in terms of gas type, rating, connection etc.
- 5.1.4 The RGI shall follow the manufacturer's installation instructions during installation of excess flow valve.
- 5.1.5 The excess flow valve shall be installed as near as practical to the fitting connecting the service line to its source of piped gas system. It shall be so installed such that any likely tubing damage will only occur downstream of the valve and will not separate the valve from the upstream piping.
- 5.1.6 The mounting orientation of the excess flow valve shall be by virtue of its design as specified in the manufacturer's installation instructions, generally in either horizontal or vertical direction.
- 5.1.7 The excess flow valve must be installed in accordance with the direction of flow marked on the valve body.

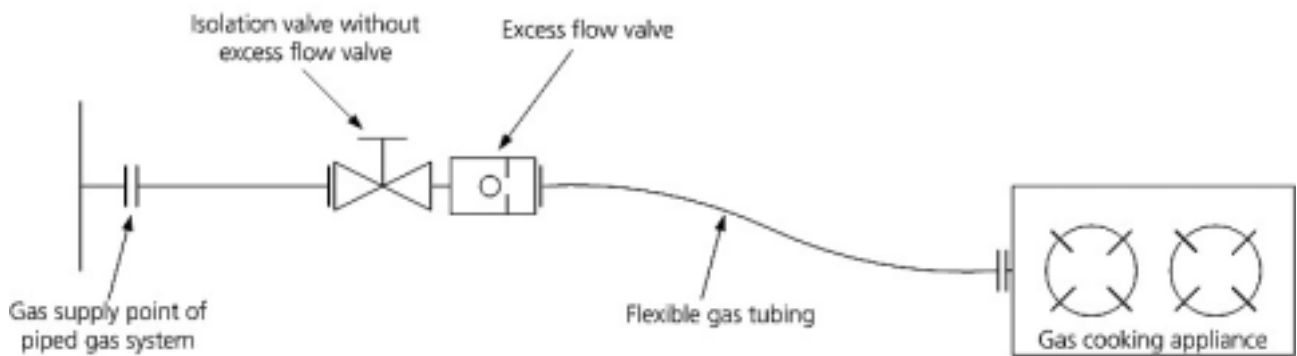
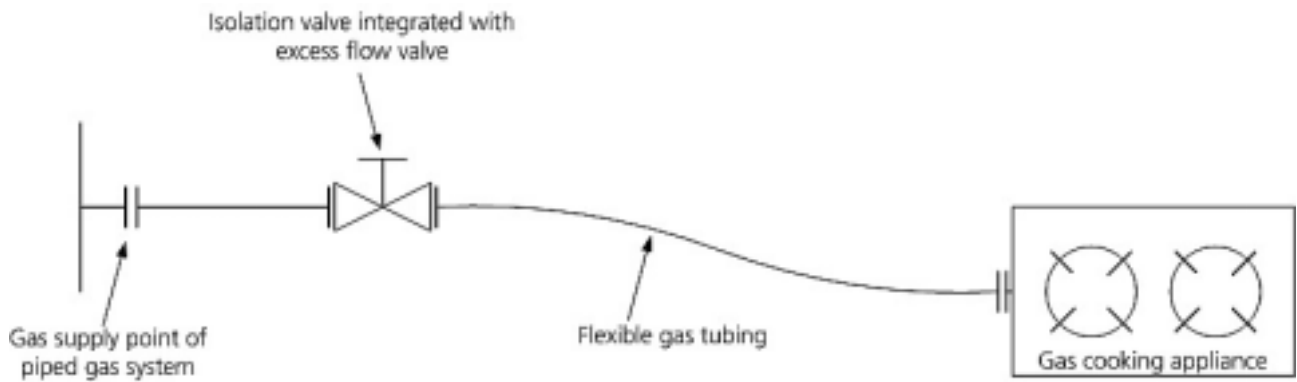
5.2 Safety Inspection Requirements

- 5.2.1 Excess flow valve and its associated gas fittings connected to a domestic gas cooking appliance should be inspected by a registered gas installer at least once every 18 months. The registered gas installer shall be qualified with appropriate class and be conversant with the testing of the excess flow valve.

Section 6 Appendix

6.1 Appendix 1

Typical arrangements of excess flow valve for connection of flexible gas tubing to domestic gas cooking appliance are shown in the following diagrams:



6.2 Appendix 2

The application form is shown on next page.

申請表 APPLICATION FORM

溢流控制閥登記名單

Listing of Excess Flow Valve for Domestic Gas Cooking Appliances

第一部分 申請人資料

Section 1 Applicant Information

申請人 Applicant : 進口商 importer 本地製造商 local manufacturer

公司名稱 Company Name: _____

商業登記証號碼 Business Registration Certificate Number.: _____

地址 Address : _____

聯絡人 Contact Person : _____ 電話號碼 Telephone Number : _____

傳真號碼 Fax : _____ 電郵地址 E-mail Address : _____

第二部分 申請列入登記名單的溢流控制閥的資料

Section 2 Information of Excess Flow Valve Being Applied for Listing

製造商 Manufacturer	
牌子 / 型號 Brand Name / Model	
製造地點 Place of Manufacture	
設計標準 Design Standard	
氣體類別 Gas type	
標稱流量(升/分鐘) Nominal flow (litre/minute)	
切斷流量(升/分鐘) Trip flow (litre/minute)	
標稱入口壓力(因應氣體類別而定) Nominal inlet pressure (corresponding to gas type)	
最高入口壓力(千帕) Maximum inlet pressure (kPa)	
最低入口壓力(千帕) Minimum inlet pressure (kPa)	
洩漏量(升/分鐘) Leak rate (litre/minute)	
標稱壓降(千帕) Nominal pressure drop (kPa)	
額定溫度範圍(度攝氏) Temperature rating range (°C)	

第三部分 文件/證明書

Section 3 Documents / Certificates

請參閱工作守則《氣體應用指南之四 - 管道式供氣予住宅式氣體煮食爐裝置》(以下稱指南), 並附上下列所需文件(中文或英文), 及於空格內加上“x”號以便處理閣下的申請。申請人可能要提供額外資料作為申請之用。

Please enclose the following documents (in English or Chinese) with reference to the Code of Practice GU04 - EXCESS FLOW VALVES FOR PIPED GAS SUPPLY TO DOMESTIC GAS COOKING INSTALLATIONS (hereinafter referred as COP) and put an “x” against the appropriate box(es) for processing of your application for listing. The applicant may be requested to provide supplementary information relating to the application.

- (1) 包含溢流控制閥型號的產品說明書 (參考指南第 4.2.1 項)
Product catalogue containing the model number of the excess flow valve (see COP Clause 4.2.1)
- (2) 溢流控制閥的圖則連尺寸及接駁配件詳細情況 (參考指南第 3.1.2 和 3.1.3 項)
Drawing of the excess flow valve including dimensions and connection details (see COP Clauses 3.1.2 & 3.1.3)
- (3) 製造商及其物料供應商或承辦商的簡介包括公司概况、製造國家及工廠的詳細地址 (參考指南第 4.2.2 項)
Brochure of the manufacturer and material vendors or contractors, if any, including information on company profile, country of manufacture and address of works, etc. (see COP Clause 4.2.2)
- (4) 溢流控制閥的生產規格及標準。在本署要求下, 申請人須呈交生產規格及標準的文件。(參考指南第 3.1.1.1 項)
Specification and standard of manufacture of the excess flow valve. A copy of the specification / standard shall be made available upon request. (see COP Clause 3.1.1.1)
- (5) 製造商的品質管理體系 (例如 ISO 9001) 的證書正本或核證副本 (參考指南第 4.2.3 項)
Original or certified true copy of the Quality Management System Certificate for the manufacturer's works, e.g. ISO 9001 or equivalent issued by a recognized certification body (see COP Clause 4.2.3)
- (6) 製造商的物料供應商或承辦商的品質管理體系 (例如 ISO 9001) 的證書正本或核證副本 (參考指南第 4.2.3 項)
Original or certified true copy of the Quality Management System Certificate for the manufacturer's material vendor and / or contractor, e.g. ISO 9001 or equivalent issued by a recognized certification body (see COP Clause 4.2.3)
- (7) 認可核證機構簽發有關溢流控制閥的類型測試證書的正本或核證副本 (參考指南第 2.3 項關於對認可核證機構的要求和指南第 4.2.5 項)
Original or certified true copy of type-test certificate issued by a Recognized Certification Authority (RCA). The status of the Recognized Certification Authority shall be pre-qualified by the Gas Authority. (See COP Clause 2.3 about the requirement of RCA and COP Clause 4.2.5).
- (8) 製造商出版的安裝檢驗和測試說明書 (參考指南第 3.2.4 和 4.2.6 項)
Manufacturer's instructions for installation, inspection and testing (see COP Clauses 3.2.4 and 4.2.6)
- (9) 進口商(申請人)與註冊氣體承辦商的伙伴關係的聲明和註冊氣體承辦商對進口產品提供有關支援的聲明 (參考指南第 4.3.6 項)
Statement on the partnership between the registered gas contractor and the importer, and the technical support to be provided by the registered gas contractor for the products in Hong Kong (see COP Clause 4.3.6)
- (10) 製造商作出對進口香港的溢流控制閥符合 GU04 批准要求的聲明 (參考指南第 4.2.7 項)
Manufacturer's declaration of compliance with GU04 requirements including listing conditions (see COP Clause 4.2.7)

- (11) 進口商作出其於本地氣體行業的地位、能力及已安排由註冊氣體工程承辦商對溢流控制閥客戶提供技術支援的陳述 (請附上公司架構圖及商業登記証副本) (參考指南第 4.2.9 項)
Importer's statement of her capability and standing as a part of the local gas industry, the technical support which will be provided by a Registered Gas Contractor on the product to buyers (company organization chart and copy of Business Registration Certificate should be submitted) (see COP Clause 4.2.9)
- (12) 進口商作出對進口香港的溢流控制閥能符合 GU04 批准要求的聲明 (參考指南第 4.2.9 項)
Importer's declaration of compliance with GU04 requirements including listing conditions (see COP Clause 4.2.9)
- (13) 製造商或本地生產商的「補救措施手冊」 (參考指南第 4.2.10 項)
Importer's or local manufacturer's manual of remedial measures (see COP Clause 4.2.10)
- (14) 在溢流控制閥上的標記或標籤 (參考指南第 3.2.2, 3.2.3, 3.2.4 和 4.3.2 項)
Proposed marking or labelling (see COP Clauses 3.2.2, 3.2.3, 3.2.4 and 4.3.2)
- (15) 溢流控制閥的樣本 (參考指南第 4.2.11 項)
Sample of the valve (see COP Clause 4.2.11)

(註：以上資料如有不全或錯漏，可能導致處理申請延誤)

(Note: Incomplete or erroneous information pertaining to the above may cause delay in processing application)

第四部分 聲明

Section 4 Declaration

本公司謹此聲明，此申請表及所呈交文件和樣本內的資料均屬真確，並承諾遵守工作守則《氣體應用指南之四 - 管道式供氣予住宅式氣體煮食爐裝置》的溢流控制閥的所有規定。

We solemnly declare that the information given in this form and shown in all documents and samples attached to our application is true and correct and pledge to comply with all the requirements on the Code of Practice GU04 - EXCESS FLOW VALVES FOR PIPED GAS SUPPLY TO DOMESTIC GAS COOKING INSTALLATIONS

授權人簽署 Authorized Signature : _____

姓名 Name : _____

職位 Title : _____

日期 Date : _____

公司蓋印 Company Chop