

CODE OF PRACTICE GU01

REFERENCE OF NATIONAL / INTERNATIONAL
SAFETY STANDARDS FOR APPROVAL OF
FLEXIBLE GAS TUBING FOR
LOW PRESSURE APPLICATIONS



(Issue 2, 2009)

Foreword

1.1 This document should be read in conjunction with the latest version of Code of Practice GU01 - Approval of Flexible Gas Tubings for Low Pressure Applications issued by the Gas Authority.

1.2 These national / international standards shown do not provide all reference standards. It is the responsibility of the applicant / importer or local manufacturer to advise a suitable national / international standard in their submission to the Authority for approval and the Authority would consider each application individually.

The following national / international standards which have been considered by the Gas Authority are shown as follows:

1.2.1 General

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

1.2.2 For flexible gas tubing made of rubber or other elastomer without internal reinforcement

AS 1869 Hose and hose assemblies for liquefied petroleum gases (LP Gas), natural gas and town gas (issued by Standards Australia)

BS 3212 Specification for Flexible Rubber Tubing, Rubber Hose and Rubber Hose Assemblies for Use in LPG Vapour Phase and LPG/Air Installations (issued by the British Standards Institution)

JIS K 6348 Extruded Rubber Tubes for Gas (issued by the Japanese Standards Association JSA)

LIA 700 Testing of high performance gas fittings for Liquefied Petroleum Gas Applications (issued by the Japan LPG Instrument Inspection Association LIA in Japanese version)

NF D36-103 Household Economy – Flexible Rubber Tubing for the External connection of Domestic Appliance using Gaseous Fuels by Networks (issued by the Association Francaise de Normalisation AFNOR in French version)

GL-CG-4
(Test Method) Testing of Flexible Rubber Tubing and Tubing Assembly for Use in LPG & Towngas Low Pressure Installations (Note: the test method is issued by the Government Laboratory, the Hong Kong Special Administrative Region, see Code of Practice GU01 - Approval of Flexible Gas Tubings for Low Pressure Applications issued by the Gas Authority)

GL-CG-5
(Test Method) Testing of Durable Flexible Rubber Tubing Assembly for Use in LPG & Towngas Low Pressure Installations (Note: the test method is issued by the Government Laboratory, the Hong Kong Special Administrative Region, see Code of Practice GU01 - Approval of Flexible Gas Tubings for Low Pressure Applications issued by the Gas Authority)

1.2.3 For flexible gas tubing made of rubber or other elastomer with internal/ external reinforcement

JIS 6347-1 Rubber hoses for liquefied petroleum gases (LPGs) Part 1: Automobile, General equipment and home application – Specification (issued by the Japanese Standards Association JSA)

JIS 6351 Wire Reinforced Rubber Hoses for Gaseous Fuels (issued by the Japanese

Standards Association JSA)

LIA 440 Testing of Hose Assembly for LPG Appliances (issued by the Japan LPG Instrument Inspection Association LIA in Japanese version)

LIA 700 Testing of high performance gas fittings for LPG Applications (issued by the Japan LPG Instrument Inspection Association LIA in Japanese version)

GL-CG-5 Testing of Durable Flexible Rubber Tubing Assembly for Use in LPG & Towngas Low Pressure Installations (Note: the test method is issued by the Government Laboratory, the Hong Kong Special Administrative Region, see Code of Practice GU01 - Approval of Flexible Gas Tubings for Low Pressure Applications issued by the Gas Authority)

(Not a standard)

1.2.4 For metal flexible gas tubing

BS 669 Part 1 Specification for strip-wound metallic flexible hoses, covers, end fittings and sockets for domestic appliances burning 1st, 2nd and 3rd family gases (issued by the British Standards

Institution BSI)

BS EN 14800:2007 Corrugated safety metal hose assemblies for the connection of domestic appliances using gaseous fuels (issued by the British Standards Institution BSI)

DIN 3383 Hose assemblies and connection valves for gas (issued by the Deutsches Institut für Normung e.V. DIN in German version)

LIA 310 Testing of Flexible Pipes for LPG Piping (issued by the Japan LPG Instrument Inspection Association LIA in Japanese version)

NF D36-121 Household economy – End fittings with seal gasket for corrugated metallic flexible piping for the external connection of domestic appliances using gaseous fuels distributed by networks (issued by the Association Francaise de Normalisation AFNOR in French version)

NF D36-125 Household economy –End fittings with seal gasket for corrugated metallic flexible piping for the external connection of domestic appliances using butane and propane from cylinders (issued by the Association Francaise de Normalisation AFNOR in

French version)