



I.S. 327 : Part 4 : 1987

SH STANDARD

DOMESTIC INSTALLATIONS
USING LIQUEFIED PETROLEUM GASES

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Bord Gais Eireann.
Cork Gas Company.
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National Standards Authority of Ireland.

FOREWORD

This Irish Standard Code of Practice has been formulated by the Installation Technical Committee of IC2 of the Gas Technical Standards Committee under whose direction this code of practice has been prepared. The Code of Practice has been produced to meet the need for appropriate standards and procedures to be used for Domestic L. P. Gas Installations. The Code will be published in 4 separate parts and is derived from current Codes of Installation Practice adhered to by members of the Irish Liquefied Petroleum Gas Association and from British Standard B.S. 5482 : Part 1 : 1979 "Installations in permanent dwellings", to which due acknowledgement is hereby given.

All persons engaged in gas installation pipe work should be aware of this code. This code of practice represents a standard of good practice but compliance with it does not confer immunity from relevant legal requirements, regulations and local bye-laws.

All works and procedures associated with the installation of pipework and domestic appliances should be in conformity with the Building Regulations issued by the Department of the Environment.

The parts to be published are:-

Part 1:

Section 1 : Types of System and Siting of Cylinders.

Section 2 : Installation Pipework.

Section 3 : Testing for Soundness and Purging Procedure.

Section 4 : Flues and Air Supply.

Part 2:

Section 5 : Installation of Cookers.

Section 6 : Installation of Refrigerators.

Section 7 : Installation of Individual Space Heating Appliances.

Part 3:

Section 8 : Installation of Water Heaters.

Section 9 : Installation of Central Heating Appliances.

Part 4:

Section 10 : Installation of Meters.

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DECLARATION
OF
SPECIFICATION
ENTITLED
DOMESTIC INSTALLATIONS
USING
LIQUEFIED PETROLEUM GASES
AS

THE IRISH STANDARD SPECIFICATION FOR
DOMESTIC INSTALLATIONS
USING
LIQUEFIED PETROLEUM GASES

The Institute for Industrial Research and Standards in exercise of the power conferred by section 20 of the Industrial Research and Standards Act, 1961 (No. 20 of 1961), and with the consent of the Minister for Industry and Commerce, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Domestic Installations using Liquefied Petroleum Gases) Declaration, 1987.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Domestic Installations using Liquefied Petroleum Gases.
(2) The said standard specification may be cited as Irish Standard 327 : Part 4 : 1987 or as I.S. 327 : Part 4 : 1987.

SCHEDULE

I.S. 327 : Part 4 : 1987, Code of Practice for DOMESTIC INSTALLATIONS USING LIQUEFIED PETROLEUM GASES

1. SCOPE

This code deals with the installation of meters in single and multiple occupancy domestic dwellings, and domestic-type appliances in non-domestic situations.

The code applies only to domestic installations using liquefied petroleum gas operating at pressures not exceeding 50 mbar at the outlet of the meter, and does not include service pipes.

2. DEFINITIONS

Appliance Governor or Pressure Regulator: A pressure regulating device to provide a constant gas pressure to an appliance.

Atmosphere Sensing Device: A device designed to shut-off the main gas supply when the Carbon Dioxide content of the surrounding atmosphere reaches a certain level.

Balanced-flued Appliance: A room-sealed appliance incorporating an air inlet/products outlet terminal designed to be exposed on an external wall.

Domestic Appliance: A gas burning appliance designed for household use.

Flame Failure Device: A control responsive to flame properties, detecting the presence of a nominated flame and, in the event of ignition failure or subsequent flame failure, causing safety shut-down or lock-out.

Flueless Appliance: An appliance designed for use without connection to a flue system, the products of combustion being allowed to mix with the air of the room or space in which the appliance is situated.

Installation Pipework: All components forming the route by which gas passes from the meter outlet connection to points at which appliances are to be connected.

Lock-out: A safety shut-down condition of a control system such that re-start cannot be accomplished without manual operation.

Manometer: For the purposes of this Code, a U-shaped tube, either vertical or inclined, filled with a liquid of known density, usually water, used for measuring gas pressure.

Meter Control: The valve or cock fitted upstream of, and adjacent to, a meter to shut off the supply of gas to it.

Meter Index: The part of a meter which shows the quantity of gas consumed.

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