

# JIS

**JAPANESE INDUSTRIAL STANDARD**

**Metallic flexible hoses for gas**

**JIS S 2145<sup>—1991</sup>**

JIS S 2145 : 1991 has been revised under date of August 20, 2006. The revised items are included in Amendment 1.

**Translated and Published**

**by**

**Japanese Standards Association**

In the event of any doubt arising,  
the original Standard in Japanese is to be final authority.

## JAPANESE INDUSTRIAL STANDARD

J I S

## Metallic flexible hoses for gas

S 2145-1991

**1. Scope**

This Japanese Industrial Standard specifies metallic flexible hoses for gas hereafter referred to as hoses to be used for connecting the fixed type gas combustion appliance<sup>(2)</sup> to be used for liquefied petroleum gas or city gas<sup>(1)</sup> of not more than 3.24 kPa {330 mm H<sub>2</sub>O} in pressure with the gas plug.

Notes <sup>(1)</sup> The liquefied petroleum gas means the gas described in "Standard of liquefied petroleum gas" of executive regulation (1968, Ministerial Ordinance of Ministry of International Trade and Industry No. 14) based on the Law Concerning the Securing of Safety and the Optimization of Transaction of Liquefied Petroleum Gas (1967, Law No. 149).

The city gas means the gas group described in Ministerial Ordinance relating to verification and the like of product for gas (1971, Ministerial Ordinance of Ministry of International Trade and Industry No. 27) based on the Gas Utility Industry Law (1954, Law No. 51).

<sup>(2)</sup> The fixed type gas combustion appliances mean the gas combustion appliances which do not travel after setting such as water heater, range, etc.

Remarks 1. Applicable Standards to this Standard are shown in Attached Table 1.

2. In this Standard the units and numerical values shown in { } are in accordance with the traditional units and, appended for informative reference.

**2. Classification**

The classification of hoses, according to application gas type, material quality of flexible tube hereafter referred to as tube and connecting metal fitting, shall be as given in Tables 1 to 3.

Table 1. Application gas types

Type	Symbol
Liquefied petroleum gas, and city gas common use	G
Liquefied petroleum gas exclusive use	L