

# JIS

## JAPANESE INDUSTRIAL STANDARD

Gas cylinders for  
portable gas cooker

JIS S 2148—1991

Translated and Published

by

Japanese Standards Association

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

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Gas cylinders for portable gas cooker

S 2148-1991

1. Scope

This Japanese Industrial Standard specifies cylinders which contain liquefied petroleum gas (hereafter referred to as the "gas"), for assembly into portable gas cookers (hereafter referred to as the "appliances").

Note (1) Portable gas cookers refer to those specified in JIS S 2147.

Remarks: The Standards cited in this Standard are the following:

JIS G 3303-Tinplate and Blackplate

JIS K 2301-Methods for Chemical Analysis and Testing of Fuel Gases and Natural Gas

JIS S 2147-Portable Cookers Attached to Liquefied Petroleum Gas Cylinder

JIS T 3201-Glass Syringes

2. Performance

The performance of the cylinders, when tested in accordance with the test methods of 7. shall conform to the requirements of Table 1.

Table 1. Performance

Item		Performance	Applicable test item
Airtightness		No leakage	7.4
Pressure resistance	Deformation	No leakage or deformation	7.5
	Bursting	No bursting	
Gas resistance	Packings for cylinder valve	Rate of mass change less than 20 %, no deterioration or change impedimental in use.	7.3
Strength of stem spring		800 g or over, 2500 g or under	7.6
Repeated use		Conform to the clause on air-tightness	7.7
Accuracy of filled gas quantity with respect to marked gas quantity		+ 1 % - 2 %	7.9