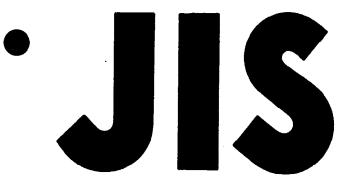
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# **JAPANESE INDUSTRIAL STANDARD**

# Portable cookers attached to liquefied petroleum gas cylinder

JIS S 2147-1991

**Translated and Published** 

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## Portable cookers attached to liquefied petroleum gas cylinder

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## Portable cookers attached to liquefied petroleum gas cylinder

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#### 1. Scope

This Japanese Industrial Standard specifies portable cookers  $(^2)$  (hereafter referred to as the "appliances"), with a built-in cylinder  $(^1)$  filled with liquefied petroleum gas (hereafter referred to as the "gas").

Notes (1) Cylinders are as specified in JIS S 2148.

(<sup>2</sup>) Portable cookers are appliances for cooking on the upper surface with other heating cookware, provided with a trivet to lade the device for cookery.

2. The units and numerical values given in { } in this Standard are based on the traditional units and are appended for informative reference.

#### 2. Performance

The performance of appliances, when subjected to the testing of 5., shall satisfy the performance of Table 1.

| Item                                       |                                 | Performance  |                                       | Applicable<br>test item |
|--|---------------------------------|--|---------------------------------------|-------------------------|
| Tightness of gas<br>passage                |                                 | From the junction part of<br>the cylinder and appliance<br>until the high pressure<br>side of the device governor. | Free from leakage.                    | 5.4                     |
|  |                                 | From the low pressure side<br>of the device governor until<br>the device plug.                                     |                                       |                         |
|  |                                 | From the device plug until the flame hole.   |                                       |                         |
| Pressure resis-<br>tance of gas<br>passage |                                 | Free from leakage, deformation, and breakage.  |                                       | 5.5                     |
| Combustion condition                       | Ordinary<br>condition<br>of use | Ignites surely and does not i  | gnite explosively.                    | 5.7                     |
|  |                                 | Free from temperature rise.  |                                       |                         |
|  |                                 | Does not extinguish.   |                                       |                         |
|  |                                 | Uniform flame.   | · · · · · · · · · · · · · · · · · · · |                         |
|  |                                 | Free from flash-back.  |                                       |                         |
|  |                                 | The continuous noise is not m  | ore than 60 dB.                       |                         |
|  |                                 | No explosive sound during extinguishing.   |                                       |                         |

| Table 1 | L. I | Perform | ance |
|---------|------|---------|------|
|---------|------|---------|------|

Remarks 1. The Standards cited in this Standard are shown in Attached Table 1.