

## Appendix 3

Establishment and Revision of 3 Standards for Direct Connecting and Flexible Hose Connecting Type Portable Gas Cookers with LPG Cartridges, etc.

— Response to the amendment of the Act into a performance code —

In order to promptly respond to the introduction of new technologies and the development of new products, the Ministerial Order on Technological Standards for LPG Equipment and Appliances,\* which was a specification code providing detailed specifications including structure, material and performance of products, was amended into a performance code to clarify safety performance criteria that must be satisfied by LPG equipment and appliances. If standards cited in the implementation and interpretation documents of the Act on the Securing of Safety and the Optimization of Transaction of Liquefied Petroleum Gas, other relevant Cabinet Orders and Ministerial Orders are integrated into the JIS, or if other public specifications satisfying technological standards are compiled as a performance code, prompt and appropriate responses to new technologies and products will be enabled. Based on this idea, METI established and revised three standards for direct connecting and flexible hose connecting type portable gas cookers with LPG cartridges and similar devices.

\* This is the Ministerial order that provides technological standards for products covered under the Act on the Securing of Safety and the Optimization of Transaction of Liquefied Petroleum Gas (hereinafter referred to as the "LPG Act")

### 1. Objective and background of the standard establishment and revision

It is necessary to verify whether or not the JIS being developed conforms to the technological standards in the Ministerial Order that was amended into a performance code to ensure that it is able to reflect the latest technologies and products. Therefore, METI established and revised 3 standards for direct connecting and flexible hose connecting type portable gas cookers with LPG cartridges, etc.

METI further plans to develop the JIS in response to the amendment of the Ministerial Order for products covered under the LPG Act.

### 2. Key points of the established and revised standards

METI established and revised the following three standards that embody requirements for technological standards in the performance code that was based on the Ministerial Order.

(i) Establishment of JIS S2152 (Direct connecting and flexible hose connecting type

portable gas cookers with LPG cartridges)

Cookers mainly used outdoors to which an LPG cartridge is attached as a component or an accessory

Direct connecting type portable gas cooker with LPG cartridge (example)

Flexible hose connecting type portable gas cooker with LPG cartridge (example)

Major topics covered in JIS S2152 are [i] applicable scope, [ii] cited specifications, [iii] terminology and definitions, [iv] performance, [v] structure, [vi] material, [vii] testing methods, [viii] inspections, [ix] indications, and [x] instruction manual.

Establishment of JIS S2153 (Portable gas space heaters with LPG cartridges)

Open-type space heaters used indoors with a fixed mechanism for attaching an LPG cartridge as a component or an accessory

Portable gas space heater with LPG cartridge (example)

Major topics covered in JIS S2153 are [i] applicable scope, [ii] cited specifications, [iii] terminology and definitions, [iv] performance, [v] structure, [vi] material, [vii] testing methods, [viii] inspections, [ix] indications, and [x] instruction manual.

(ii) Revision of JIS S2147 (Portable gas cookers with LPG cartridges)

Cookers that with a fixed mechanism for attaching an LPG cartridge as a component or an accessory

Portable gas cooker with LPG cartridge (example)

Major revisions include [i] the addition of "cookers that have a grid, iron plate, and/or pot for rice, etc. for cooking or heating food above them without the use of a gotoku (kettle stand)" to the applicable scope, and [ii] adjustments to ensure the amended Ministerial Order's consistency with the Ministerial Order that was published before the amendment, which was a specification code, in terms of the requirements for technological standards stipulated therein.

\* For the main text of the standards, search for "S2152 (Direct connecting and flexible hose connecting type portable gas cookers with LPG cartridge)," "S2153 (Portable gas space heaters with LPG cartridge)," and "S2147 (Portable gas cookers with LPG cartridge)" on the Japanese

Industrial Standards Committee (JISC) website.

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