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JIS S 3019 : 1997

Oil control valves for oil burning appliances

ICS 27.060.10

Descriptors : controllers, safety valves, control devices, control equipment, fluidic control equipment, burners, oil-fuelled devices, liquid fuel appliances

Reference number : **JIS S 3019 : 1997 (E)**

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS S 3019** : 1979 is replaced with **JIS S 3019** : 1997 .
Although this Standard was reaffirmed in 1985 and 1990, it has been more than 15 years since the Standard was revised in 1979. This revision was made to conform to the present situation of oil control valves.

Date of Establishment: 1969-11-01

Date of Revision: 1997-06-20

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Investigated by: Japanese Industrial Standards Committee
Divisional Council on Consumer Life

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

Contents

Page

Oil control valves for oil burning appliances

Introduction For the purpose of securing the quality, performance and safety of oil control valves used mainly for pot type oil space heaters, **JIS S 3019** was established in 1969.

1 Scope This Japanese Industrial Standard specifies constant level type (1) oil control valves for oil burning appliances used at an oil head of 2.5 m or less (hereafter referred to as "oil control valves").

Note (1) Constant level type means a system keeping fed oil at a constant level to control the flow rate with an outflow valve.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS B 0202 *Parallel pipe threads*

JIS B 0205 *Metric coarse screw threads*

JIS B 0207 *Metric fine screw threads*

JIS K 2201 *Gasoline for industrial purpose*

JIS K 2203 *Kerosine*

JIS S 3028 *Oil discharge copper pipe for oil burning appliances*

JIS Z 2371 *Methods of neutral salt spray testing*

JIS Z 8803 *Viscosity of liquid—Methods of measurement*

3 Classification Oil control valves shall be classified by the construction as given in Table 1.

Table 1 Classification

Classification	Construction	Informative reference
Open type	Keeping a constant oil level with float or the like, and having an outlet on the area upper oil surface.	Attached Fig. 1
Sealed type	Keeping a constant oil level with float or the like, and holding airtightness of the area upper oil surface with oil resistant packings and the like. Excepting the draft cylinder part.	Attached Fig. 2