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Lighters and utility lighters — Safety specifications for child-resistance by high operating force

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Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Act. This edition replaces the previous edition (**JIS S 4803** : 2018), which has been technically revised.

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Lighters and utility lighters — Safety specifications for child-resistance by high operating force

1 Scope

This Japanese Industrial Standard specifies requirements for child resistance (CR) of cigarette and utility lighters (hereafter referred to as cigarette lighters and utility lighters, respectively, and as lighters, generically). The cigarette and utility lighters are Special Specified Products under the Consumer Product Safety Act. The CR as specified in this Standard is achieved by incorporating in the design a high operating force or a combination of high operating force and high operating displacement.

2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

| JIS S 4801 | Lighters — Safety specifications |
|------------|--|
| JIS S 4802 | $Utility\ lighters - Safety\ specifications$ |
| JIS Z 8401 | Rounding of numbers |

3 Terms and definitions

For the purposes of this Standard, the following terms and definitions, and those given in **JIS S 4801** and **JIS S 4802** apply.

3.1

child-resistance

mechanism imparted to a lighter to make ignition difficult by children under the age of 51 months

3.2

operating force

generic term for a force required for a user to apply on an ignition operating part in order to ignite a lighter

Note 1 to entry This force is equivalent to an ignition force in the case of hard-push lighters, to both an unlocking force and ignition force in the case of double-action lighters, and to a wheel pressing force in the case of flint cigarette lighters.