

Australian/New Zealand Standard™

**Cigarette lighters**

**Part 2: Child resistance requirements**



Standards Australia



STANDARDS  
NEW ZEALAND  
*Te Kaitiaki Takekōwhiri*

## **AS/NZS 4867.2:2002**

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CS-024, Cigarette Lighters. It was approved on behalf of the Council of Standards Australia on 31 January 2002 and on behalf of the Council of Standards New Zealand on 27 February 2002. It was published on 19 March 2002.

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The following interests are represented on Committee CS-024:

Australian Competition and Consumer Commission  
Australian Lighter Association  
Australian Retailers Association  
Consumer & Business Affairs, Victoria  
Consumers Federation of Australia  
Kidsafe, Australia  
New Zealand Employers and Manufacturers Association  
New Zealand Fire Service  
Office of Consumer and Business Affairs, South Australia  
Safekids (New Zealand)  
TestSafe Australia  
The Treasury, Consumer Affairs Division

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# Australian/New Zealand Standard™

## Cigarette lighters

### Part 2: Child resistance requirements

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-024, Cigarette Lighters.

The means of determining compliance is by comparing test data from lighters intended for the Australian and New Zealand market with USCPSC determined data meeting the requirements of 16 CFR 1210.15.

This Standard sets out requirements and test methods concerning the lighter intended for sale.

It is anticipated that lighters of the type intended for Australia and New Zealand will have already been tested and marketed in USA. In this case, sample lighters would be tested to confirm this compliance.

Importers or manufacturers of lighters that are subject to a consumer product safety standard should comply with the relevant requirements of regulatory authorities to certify that their products comply with the United States Consumer Product Safety Commission Standard, 16 CFR 1210, *Safety Standard for Cigarette Lighters*.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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**Australian/New Zealand Standard**  
**Cigarette lighters**

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**Part 2: Child resistance requirements**

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**1 SCOPE**

This Standard specifies requirements and test methods for assessing compliance with the United States Consumer Product Safety Commission (USCPSC) requirements for child resistance measures on cigarette lighters.

This Standard applies to all flame-producing products commonly known as cigarette lighters, cigar lighters and pipe lighters. It does not apply to other flame-producing products intended for igniting materials other than cigarettes, cigars, and pipes.

The safety specification given in this Standard cannot eliminate all hazards, but is intended to reduce potential hazards to users.

**2 OBJECTIVE**

This Standard sets out requirements and test methods for manufacturers and importers of cigarette lighters to ensure a reasonable degree of safety for normal use or reasonably foreseeable misuse of such lighters by users. The requirements are intended to make lighters resistant to successful operation by children younger than 5 years of age.

**3 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

AS/NZS

4867 Cigarette lighters

4867.1 Part 1: General requirements

United States Consumer Product Safety Commission  
16 CFR 1210 Safety standard for cigarette lighters

**4 DEFINITIONS**

For the purpose of this Standard, the definitions given in AS/NZS 4867.1 and those below apply.

**4.1 Surrogate lighter**

A device that approximates the appearance, size, shape, and weight of, and is identical in all other factors that affect child resistance (including operation and the force(s) required for operation), within reasonable manufacturing tolerances, to a lighter intended for use by consumers; has no fuel; does not produce a flame; and produces an audible or visual signal that will be clearly discernible when the surrogate lighter is activated in each manner that would normally produce a flame in a production lighter.

NOTE: This definition does not require a lighter to be modified with electronics or the like to produce a signal. Manufacturers may use a lighter without fuel as a surrogate lighter if a distinct signal such as a 'click' can be heard when the mechanism is operated in each manner that would produce a flame in a production lighter and if a flame cannot be produced in a production lighter without the signal.

**4.2 Test lighter**

A lighter chosen for comparison with the surrogate lighter.