

Australian/New Zealand Standard™

Methods of testing child restraints

Method 10: Bite test

AS/NZS 3629.10:2013

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-085, Child Restraints for Use in Motor Vehicles.

The objective of this Standard is to determine the potential of small parts of fabric or other material being separated when bitten or chewed by a child, which may become an ingestion hazard.

METHOD

1 SCOPE

This Appendix sets out a method to determine whether the fabric items or soft material could be bitten through by a child and the minimum number of tests that need to be conducted.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

1754 Child restraint systems for use in motor vehicles

3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS/NZS 1754 apply.

4 PRINCIPLE

The part of the child restraint to be tested, referred to as the test piece, is placed within the test clamp and then pulled with a specified force.

5 APPARATUS

The following apparatus is required:

- (a) A bite clamp as shown in Figure 1 with a means of retaining the bottom jaw from moving.
- (b) A fabric clamp with a means of applying a pull force.
- (c) A means of applying force of 220 ± 5 N over a period of 5 to 10 s and maintaining it for 60 s and then reducing the force to 150 ± 5 N.
- (d) A means of gradually applying a force of 100 ± 5 N.