Australian/New Zealand Standard™

Road safety barrier systems

AS/NZS 3845:1999

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CE/33, Road Safety Barrier Systems. It was approved on behalf of the Council of Standards Australia on 9 October 1998 and on behalf of the Council of Standards New Zealand on 12 October 1998. It was published on 5 January 1999.

The following interests are represented on Committee CE/33:

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CE/33, Road Safety Barrier Systems.

The objective of this Standard is to provide users with—

- (a) issues that have to be addressed when specifying the installation of these devices;
- (b) erection and maintenance practices necessary to achieve an acceptable level of performance;
- (c) the process necessary to assess the nature of repairs to a road safety barrier system, or to a crash attenuator system following a crash; and
- (d) methods to test road safety barrier and crash attenuator systems.

This Standard also provides details of non-patented road safety barrier systems that are deemed to comply with this Standard.

This Standard describes a means of evaluating road safety barrier systems, based on the best practices identified by the Committee. The National Cooperative Highway Research Program (NCHRP) of the United States Report Number 350 has been adopted as the basis of testing. This Standard is to be read in conjunction with NCHRP Report 350. Reference to CEN Standards is made in NCHRP 350. The Committee notes that the provisions are rudimentary and steps are being taken which may lead to a mutual recognition of tests in future NCHRP and CEN documents.

Statements expressed in mandatory terms in notes to tables are deemed to be requirements of this Standard.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

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