

# Australian/New Zealand Standard™

## Methods of testing protective helmets

### Method 2: General requirements for the conditioning and preparation of test specimens and laboratory conditions

#### PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CS-097, Testing of Helmets and Visors, to supersede AS/NZS 2512.2:1998. *Method of testing protective helmets, Part 2: General requirements for the conditioning and preparation of test specimens and laboratory conditions.*

This Standard is republished without technical alteration.

#### METHOD

##### 1 SCOPE

This Standard sets out the conditioning procedures for protective helmets that are to be tested, the ways in which the helmets are prepared for testing, and the laboratory conditions for testing.

##### 2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS/NZS

2512 Methods of testing protective helmets

2512.1 Method 1: Definitions and headforms

ISO

5272 Toluene for industrial use—Specifications

##### 3 DEFINITIONS

For the purpose of this Standard, the definitions given in AS/NZS 2512.1 apply.

##### 4 CONDITIONING

Prior to testing, helmets shall be conditioned as follows:

- (a) *Ambient temperature* At least one helmet shall be conditioned by being exposed to a temperature of 18°C to 25°C for 4 h to 30 h.
- (b) *Low temperature* At least one helmet shall be conditioned by being exposed to a temperature of  $-10 \pm 2^\circ\text{C}$  for 4 h to 30 h in a controlled environmental temperature apparatus.