



CIRCULAR NO. 4C-2-1

PROCEDURES FOR DEMONSTRATION OF COMPLIANCE

INTRODUCTION

1. In February 1978 the Australian Transport Advisory Council agreed to the incorporation of ADR 4D requirements into ADR 4C, and to the consequent cancellation of ADR 4D.
2. The requirements of the revised Design Rule (February 1978 issue) which vary from the earlier requirements are set out in Clauses 4C.7.2 and 4C.7.3 of the Rule.
3. The purpose of the amendment is to provide for environmental temperature conditioning of each seat belt assembly containing non-metallic material (other than webbing) in line with Australian diurnal temperature variations. This conditioning is carried out immediately before dynamic testing of the seat belt assembly.

PROCEDURE

4. The Board has considered the means by which vehicle manufacturers shall be required to demonstrate compliance with ADR 4C (February 1978) and has agreed that:
 - a) vehicle manufacturers requiring Compliance Plate Approval for new vehicle models or vehicles fitted with new seat belt assemblies shall provide complete submissions demonstrating that compliance with ADR 4C (February 1978) has been achieved, preferably submitting compliance information on Standard Submission Forms CS 4C and CB 4C - February 1978;
 - b) vehicle manufacturers calling up information previously submitted for Compliance Plate Approval in which compliance with ADR 4C (February 1977) has been demonstrated may
 - i. provide submissions demonstrating compliance with ADR 4C (February 1978), or
 - ii. when there are no variations in design, material or construction of the seat belt assemblies from those of previously certified assemblies, or when the only variations are those necessary to ensure compliance with the amended Clauses alone, then the following procedures shall be followed:

Where non-metallic components are common to a number of seat belt assemblies used by a vehicle manufacturer, it will be sufficient to provide evidence of compliance relating to a dynamic test on one particular seat belt assembly incorporating that unique set of non-metallic components (excluding webbing). The seat belt assembly shall be an assembly identical to one in the range used by the vehicle manufacturer. The dynamic test shall be conducted with anchorage and sash guide locations determined in accordance with Clause 4C.9.1 (i) of the Rule, using the design positions relevant to the vehicle in the manufacturer's range which is fitted with that particular seat belt assembly.

Issued by the

Administrator of Vehicle Standards

in consultation with the

Australian Motor Vehicle Certification Board

comprising Commonwealth, State and Territory representatives



Australian Government

Department of Infrastructure and Regional Development

5. Demonstrating compliance using the procedure described in paragraph 4(b)(i) above should be documented by the submission of information and test data on Standard Submission Forms CS 4C and CB 4C - February 1978.
6. Demonstrating compliance using procedure described in the paragraph 4(b)(ii) above should be documented by the submission of information and test data on Special Form 4C and on Annex F, Parts I and II, of Standard Submission Form CB 4C - February 1978.