

Issued by the

Administrator of Vehicle Standards

inconsultation with the

Australian Motor Vehicle Certification Board

comprising Commonwealth, State and Territory representatives



Australian Government

Department of Infrastructure and Regional Development

CIRCULAR NO. 27A-1-5

APPLICATION PROCEDURE FOR APPROVAL TO AUSTRALIAN DESIGN RULE NO. 27A- VEHICLE EMISSION CONTROL FOR THE ANNUAL PERIOD COMMENCING 1 JANUARY 1980

INTRODUCTION

1. For engine families which have not been previously approved, a complete submission is required as described in Circular No. 27A-1-1 covering initial certification.
2. Where an approval for an engine family exists for the period prior to that commencing 1 January 1980, it may be possible for vehicle manufacturer to use that approval as a basis for certification for the annual period commencing 1 January 1980. The procedure applicable in this instance is described in this Circular.

APPLICATION

3. A new application is required for engine family for which certification for 1980 is desired. A manufacturer is required to provide the data necessary to enable selection of a test fleet for 1980.
4. It will be necessary to make a complete Part 1 submission using forms of the new format (issue 2/79). The submission should consist of new Application - Form EC 27A/1 - with attachments 1 and 2 and new submissions of Annexes A, B, C and D. If approval is sought on the basis of carryover of test data from previous periods, an appropriate note should be made on Attachment 2 of EC 27A/1 (proposed emission/durability data meet), to indicate that the proposed test vehicles are identical to previously tested vehicles.
5. A new test fleet for 1980 will be selected by the Board (exercising its responsibility as Administrator) and notification of the fleet will be sent to the applicant.
6. Where vehicles corresponding to the 1980 test fleet approved by the Board have already been tested and the testing and results are acceptable to the Board for 1980 certification, it will not be necessary for vehicles of that pattern to be tested again. Where all vehicles of the 1980 test fleet approved by the Board have not already been tested, then testing of the new vehicles is required and the procedures for initial certification must be followed. The Board will advise the applicant with regard to these testing requirements.
7. If running changes have been made to an engine family since the certification testing was carried - out, the Board may call for further testing which could include new emission data vehicles. Contributory elements that will be considered in determining whether further testing or new emission data vehicles will be required include:
 - a) The number and nature of naming changes that have been approved;
 - b) The type of testing performed to certify the running changes. It should be noted that running changes certified with back-to-back tests on a stabilized non-certification vehicle will normally result in a requirement for new emission data vehicles. Additionally, where running changes have been certified on only certain variants within an engine family, additional testing on the Other variants affected by the running changes may be required;



- c) The period of time since certification tests were performed. Generally, if 3 years or more have elapsed, and one or more running changes have been made, new emission data vehicles will be required.

TESTING

8. The results of any testing required are to be submitted using the Part II forms of the new format (Annexes E to I, Issue 2/79)

CERTIFICATION

9. In all instances, a Part III submission (Annex J, issue 2/79 and Annex K) is required. Manufacturers making application on the basis of carryover should provide the Part III submission at the same time as the Part I submission.
10. The purpose of Annex K is to specifically relate the engine family to all vehicle models for which Compliance Plate Approval is required. It is important therefore; that all vehicles make and model designations together with the other information is entered accurately when submitting an Annex K. If insufficient space is provided to enter all the vehicle make/model designations multiple sheets may be submitted. The introduction of Annex K is being done with complimentary changes in the Board's Standard Submission form CS 27A 4/79 to minimise the duplication of information provided.

TESTING PRIOR TO TEST FLEET APPROVAL

11. If a manufacturer so desires, it will be acceptable for testing to be carried out without first obtaining the Board's approval of the test fleet. In this instance all parts of the application should be submitted together. The Board reserves the right to require any additional information or testing as is necessary to demonstrate compliance to the Board's satisfaction, after examination of the submission.