



# CIRCULAR NO.27 A-1-3

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## **APPLICATION PROCEDURES FOR APPROVAL TO AUSTRALIAN DESIGN RULE NO.27A VEHICLE EMISSION CONTROL FOR THE ANNUAL-PERIOD. COMMENCING .1 JANUARY 1978**

### **INTRODUCTION**

1. Where an approval for an engine family exists for the period prior to that commencing 1 January 1978, it may be possible for a vehicle manufacturer to use that approval as a basis for certification for the annual period commencing 1 January 1978. This Circular describes the procedures applicable in this instance.
2. 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.

### **APPLICATION**

3. A new application is required for each engine family for which it is desired to recertify. A manufacturer is required to provide the data necessary to selection of an emission data fleet for 1978; therefore an application, EC27A and Annex A, is required. Under some circumstances it may be acceptable to cross-reference to data previously submitted. If cross-referencing is used, it should be to a complete Annex and will be necessary to specific page numbers and issue numbers or dates of pages referred to. Where vehicles corresponding to the 1978 emission data fleet approved by the Administrator have already been tested, and the testing and results meet the conditions described below, it will not be necessary for vehicles of that pattern to be tested again. Where all vehicles of the 1978 emission data fleet approved by the Administrator have not already been tested, then testing of the new vehicles is required the procedures for initial certification must be followed. In any case, however, if there are no changes in testing procedures relevant to Annexes B, C and D, it should not be necessary to resubmit these for 1978 certification, i.e. a cross-reference to a complete Annex may be made. The Administrator will advise the manufacturer of the decision regarding emission data fleet and testing requirements.
4. Test results from the certification period commencing 1 July 1976 will be acceptable for certification only under the following conditions:
  - a) The test vehicle is acceptable to the Administrator as part of the approved 1978 emission data fleet, (b) the test results do not exceed the specified limits when the relevant deterioration factors are applied.



5. If running changes have been made to an engine family since initial certification for the period commencing 1 July 1976, the Administrator 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 running 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 stabilised 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.

#### **APPROVAL**

6. Where testing additional. Vehicles or further testing is required, the results are to be submitted in the same manner as described for initial certification, Part II, and in all cases a Part III submission is required.