



CIRCULAR NO. 27A-1 2

APPROVAL BY THE ADMINISTRATOR OF RUNNING CHANGES FOR AUSTRALIAN DESIGN RULE 27A VEHICLE EMISSION CONTROL

INTRODUCTION

1. Any of the following changes to an Engine covered by an Administrator's Certificate require the approval of the Administrator:
 - a) the addition of an engine-system combination to those certified,
 - b) the addition of a vehicle model utilizing an engine-system combination already certified,
 - c) any change in production vehicles in respect of any of the parameters detailed in the application,
 - d) any other change which may affect emissions, or
 - e) any other change affecting the submissions for the engine family.
2. Normally such running changes require the approval of the Administrator before being incorporated into production, in some circumstances, it may be impractical to follow this course of action. In all instances the manufacturer must accept full responsibility or the compliance of the modified engine family, including the undertaking to recall any non-complying vehicles for modification.

APPLICATION PROCEDURES

3. The procedure to be followed in seeking approval of a running change is for the manufacturer to make an application to the Administrator for approval of the proposed change. There is no standard format for such an application, however it should include a full description of the proposed change together with new pages for the Part I application, showing the changes .

TESTING REQUIREMENTS

4. The Administrator will consider proposed running changes and determine which of the following is required to demonstrate continuing compliance.
 - a) no testing,
 - b) back-to-back testing on stabilised vehicles,
 - c) testing or additional emission data vehicles, or
 - d) testing of additional durability data vehicles.



5. A stabilised vehicle means a certification vehicle or a vehicle whose history is known. This history should include type of running, maintenance performed, full engine specification (i.e. Annex E) and details of emission testing performed. However, the Administrator will consider acceptance of a vehicle where full details of running, maintenance and emission testing are not available. It should be noted that certification of running changes based on back-to-back tests on a stabilized non-certification vehicle will normally be valid only until the end of the current certification period. However, this vehicle may be acceptable to the Administrator as part of the emission data fleet in the following certification period. For testing performed on an emission data vehicle to be acceptable, no maintenance after initial certification should have been performed without approval.
6. Normally, the final result of back-to-back tests on a certification vehicle will be considered as the updated certification result for that vehicle.

APPROVAL OF CHANGES

7. No testing is required, the Administrator will advise the manufacturer of extension of the approval to incorporate the running change as outlined.
8. When testing required, the tests must be performed, all emission results and an updated maintenance log provided, and continuing compliance demonstrated to the satisfaction of the Administrator. The manufacturer will then be advised of extension of the approval of the engine family.