

CIRCULAR NO 37-3-1

INTERPRETATIONS

Attached are interpretations issued by the Board in respect of Australian Design Rule No. 37 - Vehicle Emission Control (February 1984). They should be read in conjunction with Circular No. 0-11-1.

37-3-1

AUSTRALIAN MOTOR VEHICLE CERTIFICATION BOARD

Interpretations

Australian Design Rule No. 37 – Vehicle Emission Control as endorsed by the Australian Transport Advisory Council -February 1984

Interpretation No. 1 (Clause 37.5.2 and 37.5.3)

Question: Will US EPA certification be an acceptable basis for demonstrating compliance with the emissions requirements of ADR 37?

Answer: US EPA certification for vehicle models from 1981 onwards will be accepted for demonstration of compliance to the exhaust and evaporative emission requirements of ADR37 provided that:

1. the engine specifications, tuning and exhaust and evaporative control systems are identical to vehicles covered by the US EPA certificate; and
2. the vehicle will operate satisfactorily without modification on fuel commercially available in Australia which meets Australian Standard AS 1876, Part 2 - 1984 (Unleaded Petrol).

Interpretation No 2 (Clause 37.8.4 (e) (iii))

Question: Is it permissible to use US EPA OMS Advisory Circular No. 55B or No. 55C "Determination and Use of Alternative Dynamometer Power Absorber Settings" to determine the road power absorber setting as an alternative to those given in clauses 37.8.4 (e) (i) and (ii)?

Answer: Yes. (Note: If adopted, on Summary of Evidence submission note the method used to determine Dynamometer Power Absorber Setting, and if allowance made for air conditioning load).

Interpretation No 3 (Clause 37.5)

Question: Is it acceptable to specify in the operators manual or elsewhere that ULP of a higher RON than 93 should be used exclusively for the vehicle?

Answer: No. The intention of ADR 37 is to ensure that a vehicle will operate on fuel of 91-93 RON. Recommendation by the manufacturer of exclusive use of a fuel of higher RON implies that the vehicle will not operate satisfactorily on 91-93 RON ULP which is in conflict with the Rule and is therefore unacceptable.