



CIRCULAR 28/01 - 3 – 1

INTERPRETATIONS

Interpretation No 1 (Clause 2.4)

Interpretation No 1 from Issue 3 (June 2002) of this Circular has been withdrawn and replaced with the following:

Question: Does a noise meter reading in excess of the limit (i.e. the value specified for a particular type of vehicle in Table 1) during the measurement of noise of vehicles in motion indicate non-compliance with the requirements of ADR 28/01?

Answer: Not always.

Due to a drafting error which transposed Clauses 2.4.2 and 2.4.3, the “figure reported” in Clause 2.4.3 is actually the figure as read from the measuring instrument.

Therefore, if the noise meter reading is over the limit but within 1 dB (A) of the limit then the reading, when corrected by -1dB (A) in accordance with Clause 2.4.2, will be below the limit and therefore acceptable.

If the noise meter reading is over the limit by more than 1dB(A) then that value, when corrected by -1dB(A) in accordance with Clause 2.4.2, will exceed the limit. If only one noise meter reading (uncorrected) out of the four "standard" tests exceeds the limit by more than 1dB(A) the procedure described in Clause 2.4.3 can be used. If neither of the two noise meter readings, when corrected by -1dB (A) in accordance with Clause 2.4.2, obtained from the second series of tests on the noisy side of the vehicle exceed the limit then the results are acceptable.

If more than one noise meter reading is over the limit by more than 1dB(A) then these values, when corrected by -1dB(A) in accordance with Clause 2.4.2, will be over the limit and will be not acceptable. This applies whether the readings occurred in the four "standard" tests or in the six tests resulting from the four "standard" tests plus the two from the second series of tests.

Interpretation No 2 (Clause 2.3.2.3.1)

Question: Clause 2.3.2.3.1 Approach Speed specifies that the vehicle will approach line AA' with uniform speed such that either $NA = \frac{3}{4}$ ESMP and $VA < 50$ km/h, or $VA = 50$ km/h. Are these optional speeds either of which may be selected by the manufacturer to conduct the drive by test?

Answer: No. Clause 2.3.2.3.1 Choice of Gear Ratios requires drive by tests to be conducted in specified gears. The selection of the approach speed at $NA = \frac{3}{4}$ ESMP or $VA = 50$ km/h is dependent on the gear being tested. $NA = \frac{3}{4}$ ESMP must be selected for those gears where the corresponding VA is less than or equal to 50 km/h. $VA = 50$ km/h must be selected for those gears where the road speed corresponding to $NA = \frac{3}{4}$ ESMP exceeds 50 km/h.

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

Interpretation No 3 (Clause 28.2.2.1.1)

Question: Is a vehicle powered solely by an electric motor required to be tested for 'noise in motion' and 'stationary noise'.

Answer: No. Vehicles powered purely by an electric motor need only be tested for 'noise in motion'. Stationary noise test is not required.