# TECHNICAL APPENDIX CLASSIFICATION OF AUTOMOBILES



## 1. RECORDS

For the purpose of *Motorsport Australia* speed and/or endurance *Record* attempts, each *Automobile* will be classified according to their calculated effective engine capacity, using the relevant factors as noted below. Each *Automobile* will then be placed in one of the following classes:

Positive displacement reciprocating engines:

Below 250cc	Class 1
251-350cc	Class 2
351-500cc	Class 3
501-750cc	Class 4
751-1100cc	Class 5
1101-1500cc	Class 6
1501-2000cc	Class 7
2001-3000cc	Class 8
3001-5000cc	Class 9
5001-8000cc	Class 10
Over 8000cc	Class 11

(See "Supercharging" below)

## 2. GENERAL

Applicable to all *Competition* (excluding *Record*) unless specifically noted otherwise.

#### 2.1 ROTARY COMBUSTION (WANKEL-TYPE) ENGINES

The nominal engine capacity will be calculated by the following formula:

1.8 times the volume determined by subtracting the minimum capacity of the working chamber/s from its/their maximum capacity unless modified by specific category regulations.

## 2.2 SUPERCHARGING

The nominal cylinder capacity for a supercharged engine will be multiplied by a factor of:

- (a) for spark ignition engines x 1.7
- (b) for Diesel engines x 1.5

and the automobile will be classified in all respects corresponding to the effective capacity thus obtained, unless modified by specific category regulations.

#### 2.3 AUTOMOBILES WITH ELECTRIC, TURBINE AND STEAM OR HYBRID ENGINES

Class allocation for Competition purposes will be made on application to Motorsport Australia.

#### 3. COMPETITIONS

- (a) For an international *Competition*, the class structure will be in accordance with the *Code*.
- (b) For each other *Competition*, each *Automobile* will be classified as below.
- (c) An *Organiser* is permitted to amalgamate any adjoining classes but must use only the class limits stated for the relevant category or group.
- (d) A *Competition* will be conducted only in accordance with the following categories, unless varied by *Motorsport Australia*.

## 3.1 1ST CATEGORY: RACING CARS

- (a) Formula Ford, Formula Ford 1600
- (b) Formula Vee
- (c) Formula 3
- (d) Formula Libre for Speed Events
  - (i) Up to 1300cc
  - (ii) 1301-2000cc
  - (iii) 2001-3000cc
  - (iv) 3001-5000cc
  - (v) Above 5000cc
- (e) Free Formula for Race Events
  - (i) Up to 1300cc
  - (ii) 1301-2000cc
  - (iii) 2001-3000cc
  - (iv) 3001-5000cc
- (f) Formula 4
- (g) S5000

### 3.2 2ND CATEGORY

- (a) Sports Cars:
  - (i) Up to 1300cc
  - (ii) 1301-1600cc
  - (iii) 1601-3000cc
  - (iv) 3001-6000cc
  - (v) Above 6000cc
- (b) Prodsports Cars:
  - (i) Up to 1300cc
  - (ii) 1301-1600cc
  - (iii) 1601-3000cc
  - (iv) 3001-6000cc
  - (v) Above 6000cc
- (c) 2GT FIA Homologated Cars
- (d) 2I Carrera Cup Cars

# 3.3 SPORTS SEDANS

- (a) Up to 1600cc
- (b) 1601-2000cc
- (c) 2001-3000cc
- (d) 3001-4000cc
- (e) 4001-6000cc

# 3.4 3RD CATEGORY: TOURING CARS

- (a) Up to 1300cc
- (b) 1301-1600cc

- (c) 1601-2000cc
- (d) 2001-3000cc
- (e) Over 3000cc
- (f) Otherwise as specified in group/category regulations.

# 3.5 IMPROVED PRODUCTION CARS

- (a) 0-1600cc
- (b) 1601-2000cc
- (c) 2001-3000cc
- (d) 3001-6000cc
- (e) Over 6000cc

# 3.6 CIRCUIT EXCEL

As specified in group regulations.

# 3.7 HQ HOLDENS As specified in group regulations.

### 3.8 SALOON CARS

As specified in group regulations.

# 3.9 TCR

As specified in category regulations.

# **3.10 4TH CATEGORY OFF ROAD AUTOMOBILES** As specified in group regulations.

# 3.11 5TH CATEGORY: HISTORIC CARS As specified in group regulations.

# 3.12 6TH CATEGORY: OTHER AUTOMOBILES

As specified in group regulations.

Includes:

FIA CN

LMP3

# 3.13 7TH CATEGORY: OTHER AUTOMOBILES

- (a) Drift
- (b) Speed Event Other
- (c) Road Registered (Standard)
- (d) Road Registered (Modified)