



Issued by the

Administrator of Vehicle Standards

in consultation with the

Australian Motor Vehicle Certification Board

comprising Commonwealth, State and Territory representatives

CIRCULAR 81/02 – 4 – 1

INTERIM CERTIFICATION PROCEDURES FOR WLTP VEHICLES

1. INTRODUCTION

- 1.1 ADR 81/02 (Fuel Consumption Labelling for Light Vehicles) adopts the technical requirements of UN Regulation 101 (Uniform provisions concerning the approval of passenger cars powered by an internal combustion engine only, or powered by a hybrid electric power train with regard to the measurement of the emission of carbon dioxide and fuel consumption and/or the measurement of electric energy consumption and electric range, and of categories M1 and N1 vehicles powered by an electric power train only with regard to the measurement of electric energy consumption and electric range).
- 1.2 Under Commission Regulation (EU) 2017/1151, a new drive cycle test known as the Worldwide harmonised Light vehicles Test Procedure (WLTP) has replaced the New European Driving Cycle (NEDC) (currently adopted in UN Regulation 101) for measuring light vehicle fuel consumption, CO₂ emissions, electric energy consumption and electric range in the European Union (EU).
- 1.3 As part of the transitional arrangements in the EU, Commission Implementing Regulation (EU) No 2017/1153 (for passenger vehicles) and Commission Implementing Regulation (EU) No 2017/1152 (for light commercial vehicles) provide for the conversion of WLTP fuel consumption and CO₂ values to an NEDC equivalent through a correlation tool known as CO2MPAS.
- 1.4 An amendment to UN Regulation 101 to provide for a similar means of conversion is currently under development through the UN Working Party on Pollution and Energy (GRPE). This Circular sets out interim arrangements for the certification of vehicles tested in accordance with the WLTP, as adopted in Commission Regulation (EU) 2017/1151 to ADR 81/02, until an equivalent procedure has been adopted in UN Regulation 101.

2. APPLICATION FOR AN IPA

- 2.1 Manufacturers should make an application for an Identification Plate Approval (IPA) for a new vehicle in accordance with Administrator's Circular No. 0-1-2 'A Guide to the Certification of New Vehicles – Type Approval'.
- 2.2 For vehicles tested in accordance with the WLTP as adopted in Commission Regulation (EU) 2017/1151, manufacturers should submit a blank Summary of Evidence (SE) form attaching:
 - a test report demonstrating compliance with the equivalent test adopted in Commission Regulation (EU) 2017/1151;
 - the NEDC equivalent fuel consumption and CO₂ results determined in accordance with Commission Implementing Regulation (EU) No 2017/1153 (for passenger vehicles) or Commission Implementing Regulation (EU) No



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2017/1152 (for light commercial vehicles) and in both cases derived from either the CO2MPAS correlation tool or physical vehicle test; and

- a request to the Administrator of Vehicle Standards seeking approval for "minor and inconsequential non-compliance".

2.3 Vehicle models that otherwise comply with the technical requirements of ADR 81/02 will be granted a "minor and inconsequential non-compliance" approval under Section 10A(2) of the *Motor Vehicle Standards Act 1989* (the Act).

2.4 These approvals will remain valid for the life of the approval or until a new series of ADR 81 applies to that vehicle.