

DAP Deutsches Akkreditierungssystem Prüfwesen GmbH

Annex to the Accreditation Certificate DAP-PL-4091.00 Accreditation based on DIN EN ISO/IEC 17025:2005

Period of validity: 2009-09-10 to 2012-01-11

Certificate holder:

AIRIC
**Automotive Industry Research &
Innovation Center of SAIPA**

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Tests in the fields:

**emission testing of automotives;
mechanical technological testing;
strain and durability testing;
metrology testing of car assemblies;
sound level testing**

abbreviations used:

see last page

1 Emission testing of automotives

ECE R83 2005-06	Concerning the adoption of uniform technical prescriptions for wheeled vehicles, Annex 4, 5, 6 (Type I, II, III - Tests), only gasoline and CNG
70/220/EEC 2004-05	Motor vehicle emissions, Annex III, IV, V (Type I, II, III - Tests), only gasoline and CNG
ISO 7860 1995-10	Motorcycles - Methods of measuring fuel consumption, carbon balance method
80/1268/EEC 2004-02	Carbon Dioxide Emissions and fuel consumption of Motor vehicle
97/24/EEC 2006-03	Two Wheel Motor Vehicle Emissions Chapter 5, Annex I, II

2 Mechanical technological testing

74/408/EEC 2005-10	Dynamic test of seat anchorage, Annex II, Appendix 1, part 3
77/541/EEC 2005-10	Dynamic test of the seatbelt assembly, Annex I, part 2.7.8
E/ECE/324 Regulation 42 1980-03	Uniform provisions concerning the approval of vehicles with regard to their front and rear protective devices (Bumpers, etc.)
E/ECE/324 Regulation 83 2005-06	Concerning the adoption of uniform technical prescriptions for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles and the conditions for reciprocal recognition of approvals granted on the basis of these prescriptions Annex 4: Resistance to Progress of a vehicle measurement method on the road simulation on a chassis dynamometer
E/ECE/324 Regulation 110 2001-06	Uniform provisions concerning the approval of: I. Specific components of motor vehicles using compressed natural gas (CNG) in their propulsion system; II. Vehicles with regard to the installation of specific components of an approved type for the use of compressed natural gas (CNG) in their propulsion system Part 17.4.4
74/60/EEC 2000-04	Test of interior fittings of motor vehicles Annex II: Determination of the head-impact zone Annex III: Procedure for testing energy-dissipating materials
78/932/EEC 2000-05	Test of head restraints of seats of motor vehicles, Annex I, part 7.4: Determination of the effectiveness of the device; Annex IV: Details of the lines drawn and measurements taken during test

3 Strain and durability testing

ISO 3888-1 1999-10	Passenger cars - Test track for a severe lane change manoeuvre - Part 1: Double lane change
ISO 3888-2 2002-11	Passenger cars, Test track for a severe lane change manoeuvre - Part 2: Obstacle avoidance
ISO 4138 2004-09	Passenger cars - Steady-state circular driving behaviour - Open-loop test methods
ISO 7401 2003-02	Road vehicles - lateral transient response test methods - Open-loop test methods
70/311/EEC 1999-02	Motor vehicles steering

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71/320/EEC 2004-05	Motor vehicle braking Annex II, part 1.2 and 1.3
75/443/EEC 1997-07	Speedometer, Annex II
92/21/EEC 1995-10	Masses of motor vehicles of category M1, Annex II, part 3.2

4 Metrology testing of car assemblies

92/21/EEC 1995-10	Dimensions of motor vehicles of category M1, Annex II, part 3.1
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5 Sound level testing - NVH lab

70/157/EEC 2004-05	Sound Level of the stationary vehicle, Annex I, part 5.2.3
70/388/EEC 2004-05	Audible warning device

abbreviations used:

ECE	Economic Commission for Europe
EEC	European Economic Community Standard
ISO	International Standardisation Organisation