19 Flammability of the interior materials for motor vehicle

19.1 Interior material of motor vehicle: seat cushion, seat back, headlining, all trim panels (include the door, front, rear and side panels), carpets and curtains of passenger compartment.

19.2 Effective date and Scope:

19.2.1 From 2002/1/1, all the new vehicle type of child-only vehicles, school buses, large passenger vehicles, small passenger vehicles and small cargo-passenger vehicles, and starting from 2004/1/1, all types of new vehicles specified in the above vehicle-types, the flammability of interior materials shall comply with this regulation.

19.2.2 The same applicant applying for vehicle-by-vehicle low volume safety approval and the amounts of vehicle not exceed 20 at same year and small passenger vehicle of same type and specification, could exempt from regulation of “the flammability requirement of the interior material of motor vehicle”.

19.3 The flammability requirement of the interior material of motor vehicle shall according to suitable types and range of principle：except brand and type series shall be the same, and also the same material composition.

19.4 Requirement of the function and specification: shall describe material composition, composing method and thickness.

19.5 Inspection standard:

19.5.1 The burning rate calculated according to the following formula; shall not be over 102 mm per minute.

Burning rate＝60*(D/T)

D= Burning distance, unit: mm.

T= Time of flame reaching to D distance, unit: sec.

19.5.2 If the fire is extinguishes before reaching the measuring point, or it has stopped burning within 60 seconds after starting to count the burning time, and the burning distance is within 51 mm, then the specimen under the test is recognized to pass this test.

19.6 Conditioning: The samples shall be conditioned for at least 24 hours but not more than 7 days at a temperature of 23°C ± 2°C and a relative humidity of 50 ± 5 % and shall be maintained under these conditions until immediately prior to testing.