12 The thermal-insulation protection device of exhaust system for motorcycle

12.1 The thermal-insulation protection device of exhaust system for motorcycle shall according to suitable types and range of principle are as below：

12.1.1 The same vehicle category symbol.

12.1.2 The same brand and vehicle type series.

12.2 The thermal-insulation protection device of exhaust system for motorcycle: From 2002/1/1, the temperature of the surface geometric center, the point 3-cm (0.5 cm of allowable range) distance from the end-edge on the front/rear horizontal level relative to the silencer and fixing point of the device (if constructed with indentation shape, take the nearest available point) shall conform to the following requirement specified:

12.2.1 For steel material: the measured temperature shall not exceed 60℃.

12.2.2 For resin material: the measured temperature shall not exceed 70℃.

12.3 This test may be exempted if the passenger or the pedestrians will not contact the exhaust system of motorcycle while normal operating or parking condition of the motorcycle.