58 The frame’s fatigue strength of small-light moped

58.1 From 2007/07/01, the fatigue strength of the frame of small-light moped shall comply with this Regulation.

58.2 The frame’s fatigue strength of small-light moped shall according to suitable variants and range of principle are as below：

58.2.1 The same vehicle category symbol.

58.2.2 The same brand and vehicle type.

58.3 Testing methods:

58.3.1 Each seat tube’s load is 50 kilograms.

58.3.2 The head tube’s load is 5 kilograms on two sides of handlebar.

58.3.3 The load of the foot step plane is 20 kilograms.

58.3.4 Testing frequency is upward 6.6 Hz, and below 10 Hz.

58.3.5 Acceleration is 19.6 m/sec^2（2G）.

58.3.6 The cycles of vibration is seventy thousand.

58.4 Testing standard: there is no breakage of the frame of moped is after the test.