

- 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  $19.6 \text{ m/sec}^2$  (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.