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# QB

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### Case and Bag - Test Method for Shaking Impact

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## Foreword

This Standard was proposed by the China National Light Industry Council.

This Standard shall be under the jurisdiction of the Committee on Leather of Standardization Administration of China (SAC/TC 252).

This Standard is drafted by Guangdong Provincial Quality Supervision, Inspection and Footwear Station, Zhongshan Crown Leather Co., Ltd., Guangzhou V-Goal Handbag Co. Ltd. AND Ming Yu Electronic Technology Co., Ltd.

Chief drafting staffs of this Standard: Zhong Xihao, Huang Xiaogang, Lin Jiezhen, Jiang Yongxiong, Yu Xinglong and Zhan Zhiyi.

This Standard is issued for the first time.

## Case and Bag – Test Method for Shaking Impact

### 1 Scope

This Standard specifies test method for shaking impact of case and bag.

This Standard is applicable to various cases and bags of daily use.

### 2 Principle

The quality of carrying-handle, tie-bar and case & bag body is inspected by - lifting the loaded case and bag with the carrying-handle or fully-pulled tie-bar; then drop them at a certain speed and the loaded gravity within a specified travel; use the spring to realize the shaking impact on the case and bag depending on the absorption and release of the force.

### 3 Device

Shaking impact tester for case and bag shall include those parts specified in 3.1~3.4.

**3.1** Metal support:  $\geq 2000$ mm in height.

**3.2** Impact device: capable of moving up and down, with the damping spring constant of 17.54N/mm.

**3.3** Control device: having adjustable test speed, capable of setting the impact tests frequency and providing the automatic shutdown function in case of sample falling midway.

**3.4** Recording device: having automatic recording and memory function.

### 4 Sample Preparation

The sample shall be placed in such an environment at a temperature of 18°C~25°C for at least 1h without bearing any load.

### 5 Test Methods

**5.1** Add specified load into tested case and bag in accordance with those specified in Table 1; load shall be distributed uniformly.

pulling and pushing the tie-bar, in N; the result is accurate to an integer place.

## 7 Test Report

The test report shall include:

- a) The serial number of this Standard;
- b) Name, serial number, type, manufacturer (or brand), and production date of the sample;
- c) Test results;
- d) Abnormal phenomena during the test;
- e) Differences between the actual measuring method and the one in this Standard;
- f) Test personnel and date.

\_\_\_\_\_ **END** \_\_\_\_\_