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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 4857.9-2008

Replacing GB/T 4857.9-1992

**Packaging -- Basic tests for transport packages -- Part 9: Water
spray test**

包装 运输包装件基本试验 第9部分：喷淋试验方法

(English Translation)

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Foreword

GB/T 4857 "Basic tests for transport packages" is divided into the following sections.

- Part 1. The test method for labeling various parts;
- Part 2. Temperature and humidity adjustment process;
- Part 3. Test methods for stacking static load;
- Part 4. Compression and Stacking tests using a method of pressure testing machine;
- Part 5. drop test method;
- Part 6. Test methods for rolling;
- Part 7. sinusoidal vibration test method given frequency;
- Part 9. Water spray test;
- Part 10. Test methods for sinusoidal vibration frequency;
- Part 11. horizontal impact test method;
- Part 12. Test methods for immersion;
- Part 13. Low air pressure;
- Part 14. Test methods for tipping;
- Part 15. Controlled horizontal impact test method;
- Part 17. compilation of performance test of the general principles;
- Part 18. compilation of performance test of quantitative data;
- Part 19. Flow test information recorded;

- Part 20. Test methods for collision;
- Part 21. Test methods for mold;
- Part 22. Unit loads stability test methods;
- Part 23. Test method for random vibration.

This section GB/T 94857 Part of.

This part identical with ISO 2875:2000 "Packaging intact, filled transport packages and unit loads spray test." GB/T 4857.9-1992 "Transport packages spray test" in this section instead.

Section compared with the GB/T 4857.9-1992 The main changes are as follows.

- In the scope of the original will only apply to the transport package modified to apply to transport packages and unit loads;
- Adds a chapter terms and definitions, to increase the "test sample" term;
- Chapter 4 Test principle increases the continuous and intermittent spraying;
- 5.2 adds methods A and B;
- Canceled 6.1 to 6.3 (1992 edition);
- Increased in Chapter 6;
- Increased 5.3 sprinkler system;
- Increased 5.4 sprinklers schematic in Figure 1;
- To modify Chapter 5 (1992 edition) was 7.1 (this version);
- Modify the contents of the test report.

This part of the National Packaging Standardization Technical Committee (SAC/TC49) and focal points.

GB/T 4857.9-2008/ISO 2875:2000 this section drafted by. the Ministry of Railways Institute of Standards and Metrology.

1 Scope

GB/T 4857 provisions of this part of the time used to transport packages and unit cargo spray test test equipment main performance Requirements, test procedures and test the contents of the report. Pretreatment methods can also be used to package other tests performed before the study due to water washout and Resulting in reduced strength of the package case.

This section applies to assess transport packages and unit loads of anti-dumping rain on

the performance and packaging contents protection. It can as a single test, it can be used as part of the series of tests.

2 Normative references

The following documents contain provisions which, through reference in this part of the GB/T 4857, constitute provisions of this part. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 4857.1 Transport packages when test each part of the labeling method (GB/T 4857.1-1992, ISO 2206. 1987, MOD) GB/T 4857.2 Transport packages temperature and humidity conditioning (GB/T 4857.2-2005, ISO 2233:2000, MOD)

3 Terms and Definitions

The following terms and definitions apply GB/T 4857 of this section.

Complete, filled transport packages and unit loads.

4 Test principle

The test sample is placed in the ground test site, at a certain temperature water at a predetermined time and rate of the test sample surface spray.

Spray method is divided into continuous (Method A) and (Method B) batch.

5.1 Test Site

The test area shall meet the following requirements.

--- Thermal insulation and heating. As necessary to control the temperature of the test site, the site can be insulated or heated. Should be set to the Ground GB/T 4857.9-2008/ISO 2875:2000