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**INDUSTRY STANDARD OF THE
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**Program of Pattern Evaluation of Portable 3-cup Anemometer
(English Translation)**

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Introduction

JJF 1016 "Measuring Instruments type evaluation outline guidelines for the preparation", JJF 1001 "common measurement terms and definitions" JJF 1059 "Evaluation and Expression of Uncertainty in Measurement" basic series of regulations constitute support of the preparation of this syllabus Fan, outline the legal management requirements, metrological requirements and general technical requirements in accordance with JJF 1015-2002 "Measuring Instruments Type evaluation and type approval of universal norms" proposed.

This specification is the first release.

Light wind anemometer cups pattern evaluation outline

1 Scope

This type of evaluation framework applicable to mechanical light wind anemometer cups (hereinafter referred to as three cups of wind meter) of patterns Evaluation.

2. References

JJG431DEM6 type light wind anemometer cups testing procedures Q/QH008-91 light wind anemometer cups these documents contain provisions which through reference in this syllabus constitute provisions of this outline. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply in this outline, however, encourage Whether the latest versions of these files according to the parties that this outline agreement. For undated references the , The latest versions apply to this outline.

3 Overview

Table for three cups of wind 30m/s or less Wind Speed measuring instruments, electric drives and portable without having special

Point, mainly by wind direction and wind speed table tables.

Compass wind at ground magnetic field, its north-south orientation of the geomagnetic poles reticle automatic alignment of the wind vane Under the influence, driving the pointer on the compass indicates the direction the wind. Anemometer wind speed sensor uses

within the 60s in the wind Driven by integrating the rotation method, calculate the average wind speed in the time period, and the indication mechanism display.

4 legal management requirements 4.1 units of measurement

Table should wind cups were used "m/s" "(°)" and "s" as the unit of wind speed, wind direction and time.

4.2 The maximum permissible error Wind direction cups table maximum permissible error of $\pm 10^\circ$, wind speed maximum permissible error of $\pm (0.5\text{m/s } 0.02v)$.

Note: v standard wind speed, m/s.

4.3 legal metrology marking and measuring instruments logo 4.3.1 legal metrology flags include the following.

--- Measurement equipment manufacturing license logo and number (test prototype should stay out of the corresponding position);

--- Wind cups table type approval symbol and serial number (test prototype should stay out of the corresponding position; this entry is not mandatory provisions set);

--- Product certification, and India (this may be provided separately from the main unit).