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

GB 17655-2008

Regional emblem of Macao Special Administrative Region

澳门特别行政区区徽

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Foreword

All technical contents of this standard is mandatory. This standard is GB 17655-1999 "Emblem of Macau" amendments. This standard compared with GB 17655-1999 main changes are as follows:

- Original standard Annex A, Annex B be amended to "normative references";
- Yellow color of the emblem and the color difference values were revised. Appendix A of this standard is a normative appendix. This standard was proposed by the Hong Kong and Macau Affairs Office. This standard color by the National Standardization Technical Committee. This standard is drafted by: Institute of Psychology, Shenzhen Ocean Power Technology Co., Ltd. The main drafters of this standard. Han new cloth, such as Sun Xiu, yellow side, He Weiping, Huang Yongheng. This standard replaces the standards previously issued as follows:
- GB 17655-1999. Emblem of Macau

1 Scope

GB 17655-2008 is the Chinese national standard on regional emblem of macao special administrative region, in the field of generalities, terminology and documentation. It carries

no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 19 June 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 June 2009. Classification: ICS 01.080.10, CCS A22. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

4.2 standard dimensions and tolerances emblem

4.2.1 Standard emblem various dimensions should follow the "People's Republic of China Flag of Macau, emblem use Interim Measures," the relevant Provisions.

4.2.2 Standard emblem various dimensions and tolerances are shown in Table 1, Figure 2 and Figure 3.

4.2.3 Standard emblem production and data analysis diagram in Appendix A.

4.2.4 need to produce non-standard size emblem, emblem should be standard size and tolerance is proportional to zoom in or out. Table

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard. Plastic bending performance test method

GB/T 1449 fiber reinforced

GB/T 1720 film adhesion assay

GB/T 1733 Determination of water resistance of the film (

GB/T 1733-1993, neqOCT9.403. 1980)

GB/T 1740 Determination of resistance to wet heat

GB/T 1766 Paints and varnish coating aging rating method

GB/T 1771 Paints and varnishes - Determination of resistance to neutral salt spray (GB/T 1771-2007,

ISO 7253.1996, IDT) Plastic Barcol hardness test

GB/T 3854 enhancements Methods of measurement

GB/T 3979 object colors Evaluation of two o'clock

GB/T 4380-2004 roundness error, three-point method

GB/T 6739 Determination of paints and varnishes film hardness pencil method (GB/T 6739-2006, ISO 15184.1998, IDT)

GB/T 9274 Paints and varnishes - determination of resistance to liquids (GB/T 9274-1998, eqv ISO 2812. 1974)

3 Logo on the back of mounting holes M 12 x 1.5 10 x 1.5 8 x

1.25 R is determined by the manufacturer and user consultation Figure 2 standard emblem various dimensions

Note. The logo on the back area of the radius of the installation hole diameter and installation pitch logo center back is determined after consultation producers and users. Figure 3 a schematic view of the mounting holes on the back of emblem

4.3 of the regional emblem color and tolerance

4.3.1 emblem face the yellow star. fiber reinforced plastic, aluminum material production emblem yellow star and tolerance to GB 15093 The yellow star and tolerance prevail, the $Y_{10} = 56.0 \pm 2.0$, $x_{10} = 0.39 \pm 0.01$, $y_{10} = 0.40 \pm 0.01$.

4.3.2 emblem face Green. fiber reinforced plastic, the regional emblem green chroma value aluminum alloy production and tolerance to $Y_{10} = 9.7 \pm 1.0$, $x_{10} = 0.26 \pm 0.01$, $y_{10} = 0.39 \pm 0.01$.

4.3.3 emblem face of lotus flower, bridge, water, white text area of the bottom surface of the stimulus value Y_{10} of not less than 80.

4.3.4 Other materials yellow star emblem, emblem face green, lotus flower, bridge and sea water, the bottom surface of the text area on white chromaticity values and tolerance should Consistent with the requirements of this standard 4.3.1,4.3.2,4.3.3.

4.4 chrominance data calculation Emblem chrominance data plane to CIE standard illuminant D65 and CIE1964 standard colorimetric system calculations.

4.5 regional emblem film performance Emblem surface film properties are shown in Table 2.

4.6 of the regional emblem body material strength

4.6.1 bending strength of not less than 140MPa.

4.6.2 Surface hardness (Pap) not less than 30.

4.6.3 Falling ball impact strength. the regional emblem body no cracks, no damage.

4.7 Evaluation of the appearance of the regional emblem Emblem surface appearance of assessment requirements in Table 3. Table 2 logo surface film performance requirements Item Index Film color and appearance of the color line with the standard requirements of 4.3, the film smooth and bright Gloss (60 °) /% >

4 Roundness 654 Table 1 (continued) millimeters project Figure

2 Code Standard dimensions and tolerances No. 1 on the 23rd Narrow green ring Width B
20 ± 2 16 ± 2 12 ±

4.8 Portugal green text font

4.8.1 emblem surface area "Macao Special Administrative Region of People's Republic of China" in green font should be consistent with standard typeface emblem shown in Figure 4. Portuguese region emblem face 4.8.2 "MACAU" (Macau) 4 green font should be consistent with standard typeface emblem region depicted in FIG.

4 words in Portuguese region emblem face Standard

5 Test methods

5.1 standard emblem various dimensions and measurement tolerance shall use qualified inspection, the accuracy of not less than 0.5% of the measuring tool.

5.2 color measurement should be GB/T 3979, GB/T 11186.2-1989 and GB/T 11186.3-1989 the provisions.

5.3 emblem face paint performance measurement should be GB/T 1720, GB/T 1733, GB/T 1740, GB/T 1766, GB/T 1771, GB/T 6739, the provisions of GB/T 9274 and GB/T 9754 were measured.

5.4 Strength Test

5.4.1 Bending strength test should be GB/T 1449 will be.

5.4.2 hardness measurement should be GB/T 3854 will be.

5.4.3 Falling Ball Impact. The positive sample emblem upward, horizontal spread on the concrete floor, away from the sample is placed at a weight above 1m 112g ball, make the ball free fall in the same plane surface portion emblem. Repeat three times to observe the sample surface cracks, deformation, delamination.

5.5 logo emblem face and bottom surface roughness test area shall be in GB/T 11337-2004 4.4b method performed.

5.6 logo body roundness test shall GB/T 4380-2004