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

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**Road vehicles. Safety glasses. Dimensions, shapes and
appearances**

(English Translation)

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Table of Contents

Foreword...	3
1 Scope...	4
2 Normative References...	4
3 Definition...	4
4 Type, Symbol and Application...	5
5 Size and Shape...	5
6 Appearance Requirements...	7
7 Test Method...	10
8 Inspection Rules...	11

Foreword

This Standard prepared according to JASO M501-94 Safety Glass for Automobiles, and the two parts of "Size Deviation" and "Appearance Requirements" in GB 9656-88 Safety Glasses for Road Vehicles; this Standard is equivalent to JASO M504-94 in technical contents.

Since GB 9656-88 is mandatory standard; while the two parts of "Size Deviation" and "Appearance Requirements" are not in the scope of mandatory standard; thus, the two parts are listed as a recommended national standard, which is this Standard.

Compared with GB 9656-88, this Standard cancels the provisions on superior products; the provisions on the curvature of flat products have been changed; and there are no major changes in other technical indicators.

This Standard was proposed by State Bureau of Building Materials Industry.

This Standard shall be under the jurisdiction of Subcommittee on Safety Glass of National Technical Committee on Road Vehicle of Standardization Administration of China.

Drafting organization of this Standard. Institute of Glass Science, China Academy of Building Materials Science.

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Road Vehicles - Safety Glasses

- Dimensions, Shapes and Appearances

1 Scope

This Standard specifies the size, shape and appearance of safety glasses for road vehicles. This Standard is not only applicable to the safety glasses for road vehicles, but also applicable to the safety glasses for other road vehicles.

2 Normative References

The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. At the time of publication, the editions indicated are valid. All standards are subject to revision. The parties who are using this Standard shall explore the possibility of using the latest version of the following standard.

JC/T 632-1996 Terms of Automotive Safety Glass

3 Definition

This Standard uses the following definition.

3.1 Curve part. Part R in Figure 1 (the end point of Part R in Figure 1 is included in the

curve part).

3.4 Reference edge deviation. the deviation between the reference edge of the glass

and the design line (see A in Figure 1).

3.7 Curve part deviation. the deviation between the glass curve part and the design

line (see D in Figure 1).

Other terms in this Standard are consistent with JC/T 632.

4 Type, Symbol and Application

The type, symbol and application of safety glass are shown in Table 1.

5.1 Dimension deviation

The dimension deviation of flat products and single-curved glass shall comply with the provisions of Table 2; the dimension deviation of complex-curved glass shall comply with the provisions of Table 3.

5.2.1 The curvature of flat products shall comply with the provisions of Table 4. When

the length-width ratio of the product is greater than 3.1, the curvature shall be agreed
Unit. mm

5.2.3 The goodness of fit for the complex-curved glass shall comply with the provisions

of Table 6.

6.1 Appearance quality

The appearance quality of the products shall comply with the provisions of Table 7.

7.1.1 When inspecting the dimension deviation of flat products, the products shall be

placed horizontally on the test sample frame; so that it is close to one side (corner) of the sample frame, and then measure the gap between the products and the edge of the sample frame from the opposite edge (corner) by a feeler.

7.2 Curvature

When measuring the curvature of a flat product, place it vertically and use a steel ruler to measure it horizontally close to the glass surface. When it is in arc shape, it shall be expressed by the percentage of the arc height divided by the chord length.

7.3 Goodness of fit

When measuring the goodness of fit for the curved product, place the product

according to the inspection state in 7.1.2; and use a feeler to measure the maximum gap between the product and the test sample frame.

7.4 Appearance quality

The general appearance defects are visually inspected; observe at a distance of 500mm from the sample glass against the uniformly illuminated ground glass background; and use more than 300 lx of white light to penetrate behind the ground glass. Avoid direct sunlight on the sample glass during inspection.

8.2 Judgment rules

In a batch of glass samples, if the unqualified number is equal to or greater than the unqualified number in Table 9 or 10, the dimensional deviation and appearance quality of this batch of products shall be deemed not to meet the requirements.

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