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GB/T 44566-2024

Water saving enterprises - Building materials industry

节水型企业 建材行业

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Foreword

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1 Scope

GB/T 44566-2024 sets the criteria by which a building materials enterprise is recognised as water saving. Cement, glass, ceramics and concrete plants use large volumes of water for cooling, dust suppression, slurry and washing, and they are concentrated in northern provinces where water is scarcest, which is why water use per unit of product is a regulated quantity there and not merely a cost. The standard sets the evaluation index system and the requirements under it, covering management indicators and technical indicators, with normative annexes giving the scoring method for the management indicators and the calculation method for the technical indicators, so that the assessment produces a number rather than an opinion. It took effect on 1 January 2025.

This document specifies the index system and requirements for evaluating water-saving enterprises in the building materials industry. This document applies to cement, ready-mixed concrete, concrete admixtures, cement products, stone, building waterproof materials, flat glass, Evaluation of water-saving enterprises in the glass fiber, building sanitary ceramics, and insulation materials industries.

2 Normative references

The contents of the following documents constitute the essential clauses of this document

through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies. in this document.

GB/T 7119 Guidelines for the evaluation of water-saving enterprises

GB/T 12452 General rules for water balance test

GB/T 18820 General rules for the compilation of industrial water quotas

GB/T 18916.62 Water quota Part

GB/T 18916.63 Water intake quota Part

GB/T 18916.64 Water quota Part

64. Building sanitary ceramics

GB/T 21534 Terminology for water conservation

GB/T 24789 General rules for the allocation and management of water metering instruments in water-using units

3 Terms and definitions

GB/T 7119, GB/T 18820, GB/T 18916.62, GB/T 18916.63, GB/T 18916.64, GB/T 21534 and The terms and definitions defined in GB/T 24789 apply to this document.

4 Evaluation index system and requirements

4.1 The water-saving enterprise evaluation index system includes basic requirements, management indicators and technical indicators.

4.2 The basic requirements that water-saving enterprises should fully meet are shown in Table 1.

4.3 The management indicators and requirements for water-saving enterprises are shown in Table

2. The management indicators are calculated according to the method given in Appendix A.

4.4 The technical indicators and requirements that water-saving enterprises should fully meet are shown in Table

3. The technical indicators are calculated according to the method given in Appendix B. Table