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NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

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**Minimum Allowable Values of Energy Efficiency
and Energy Efficiency Grades for
Submersible Mixers of Wastewater**

污水处理用潜水推流式搅拌机能效限定值及能效等级

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Foreword

This Standard was drafted as per the rules specified in GB/T 1.1-2009.

This Standard was proposed by and under the jurisdiction of Standardization Administration of PRC.

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Minimum Allowable Values of Energy Efficiency and Energy Efficiency Grades for Submersible Mixers of Wastewater

1 Scope

This Standard specifies the terms and definitions, energy efficiency grades, technical requirements, test methods for submersible mixers of wastewater.

This Standard is applicable to the high, medium and low speed submersible mixers driven by submersible motors.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this document.

GB 18613 Minimum Allowable Values of Energy Efficiency and the Energy Efficiency Grades for Small and Medium Three-phase Asynchronous Motors

GB/T 33566 Pusher Submersible Agitator

3 Terms and Definitions

For the purpose of this document, the terms and definitions given in GB/T 33566 and the following apply.

3.1 Specific power for submersible mixer

Under the specified test conditions, when the water flow rate is realized no less than 0.3m/s, the input power acting on the per cubic meter of water.

3.2 Minimum allowable values of energy efficiency for submersible mixer

Under the specified test conditions, the allowable maximum specific power for the submersible mixer.

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