

Translated English of Chinese Standard: GB32031-2015

www.ChineseStandard.net

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 27.010
F 01

GB 32031-2015

Minimum Allowable Values of Energy Efficiency and Energy Efficiency Grades for Waste Submersible Motor-Pumps

GB 32031-2015 How to BUY & immediately GET a full-copy of this standard?

1. www.ChineseStandard.net;
2. Search --> Add to Cart --> Checkout (3-steps);
3. No action is required - Full-copy of this standard will be automatically & immediately delivered to your EMAIL address in 0~25 minutes.
4. Support: Sales@ChineseStandard.net. Wayne, Sales manager

Issued on: September 18, 2015

Implemented on: October 1, 2016

Issued by: General Administration of Quality Supervision, Inspection and Quarantine;

Standardization Administration of PRC.

Table of Contents

Forward.....	3
1 Scope	4
2 Normative References.....	4
3. Terms and Definitions.....	4
4 Basic Requirements	5
5 Energy Efficiency Grades	5
6 Minimum Allowable Values of Energy Efficiency	6
7 Evaluating Values of Energy Conservation	6
8 Test Methods.....	7
9 Inspection Rules.....	7
10 Labels of Energy Efficiency Grades	8

Forward

The Chapter 6 in this Standard is mandatory, while the rest are recommended.

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

This standard was proposed by the Resource Conservation and Environmental Protection Division of the National Development and Reform Commission, as well as the Department of Energy Conservation and Resources Utilization of the Ministry of Industry and Information Technology.

This standard shall be under the jurisdiction of National Technical Committee for Standardization of Energy Fundamentals and Management (SAC/TC 20), and National Technical Committee on Agricultural Machinery of Standardization (SAC/TC 201).

Drafting organizations of this Standard: Technical Research Center of Fluid Machinery Engineering in Jiangsu University, Chinese Academy of Agricultural Mechanization Sciences, Taizhou Taifeng Pump Industry Co., Ltd., Shimge Pump Group Industry Co., Ltd., Leo Group Co., Ltd., Hangzhou SRT Pump Co., Ltd., Zhejiang Dayuan Pumps Industrial Co., Ltd., Shandong Celebrity Group Co., Ltd., Zhejiang Qifeng Pump Industry Co., Ltd., Zhejiang Fengqiu Pump Industry Co., Ltd., Nanjing Lanshen Pump Group Co., Ltd., Zhejiang Fengyuan Pump Industry Co., Ltd., Haicheng Suprasuny Pump Co., Ltd., Shanxi Skysea Pump Industry Co., Ltd., Taizhou Jiadi Pump Industry Co., Ltd., and Zhejiang Wenling Institute of Supervision & Testing on Product Quality.

Chief drafting staffs of this Standard: Wang Yang, Zhang Xiansheng, Mao Ji, Xu Mintian, Wang Xiangrong, Zhao Liwei, Lu Qiurong, Wang Guoliang, Zhou Jianquan, Jiang Ronghua, Lou Qifeng, Chen Bin, Sun Jianguo, Li Lulu, Shang Huaiyuan, Chen Xianyuan, Jin Shibin, and Lang Tao.

Minimum Allowable Values of Energy Efficiency and Energy Efficiency Grades for Waste Submersible Motor-Pumps

1 Scope

This Standard specifies the energy efficiency grades, minimum allowable values of energy efficiency, evaluating values of energy conservation, test methods, inspection rules, and labels of energy efficiency grades for the waste submersible motor-pumps.

This Standard is applicable to the single-phase or three-phase waste submersible motor-pumps (hereinafter referred to as “pump”) that deliver various sewage, or mixed liquid containing sand, fiber materials, manure, river silt and other insoluble solid substances.

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 standard.

GB/T 2828.1 Sampling Procedures for Inspection by Attributes - Part 1: Sampling Schemes Indexed by Acceptance Quality Limit (AQL) for Lot-by-Lot Inspection

GB/T 2829 Sampling Procedures and Tables for Periodic Inspection by Attributes (Apply to Inspection of Process Stability)

GB/T 12785-2014 Test Methods for Submersible Motor-Pumps

GB/T 24674 Waste Submersible Motor-Pumps

3. Terms and Definitions

The following terms and definitions, and those defined in GB/T 24674 are applicable to this document.

3.1 Minimum allowable values of energy efficiency for waste submersible motor-pumps

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----