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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 36380-2025

Replacing GB/T 36380-2018

Treatment and disposal specification for waste sulfuric acid from industrial manufacture

工业废硫酸的处理处置规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document replaces GB/T 36380-2018 "Specification for the treatment and disposal of industrial waste sulfuric acid".

In addition to structural adjustments and editorial changes, the main technical changes are as follows.

a) Added "Terms and Definitions" (see Chapter 3);

b) Added "Requirements" (see Chapter 4);

c) Deleted the low-temperature regeneration of waste sulfuric acid, medium-temperature regeneration of waste sulfuric acid, and high-temperature regeneration treatment and disposal methods for waste sulfuric acid (see the 2018 edition 3.1, 3.2, 3.3);

d) Added pretreatment methods for industrial waste sulfuric acid (see 5.1);

e) Added high temperature cracking method for industrial waste sulfuric acid, multi-stage negative pressure concentration purification (crystallization) method, waste sulfuric acid carbonization reduction method and industrial Disposal methods for waste sulfuric acid (see 5.2).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Petroleum and Chemical Industry Federation.

This document is under the jurisdiction of the National Technical Committee for Standardization of Waste Chemicals Disposal (SAC/TC294).

This document was drafted by: Changzhou Qingliu Environmental Protection Technology Co., Ltd., Zhejiang Wilson New Materials Co., Ltd., Henan Aierfuk Chemical Co., Ltd.

Co., Ltd., Taizhou Luqiao Lvshui Environmental Protection Equipment Co., Ltd., MCC Southern Carey (Wuhan) Technology Co., Ltd., Jiangsu Yongbao Environmental Protection Technology Technology Co., Ltd., Guizhou Shengwei Fuquan Chemical Co., Ltd., Changzhou Taite Environmental Equipment Engineering Co., Ltd., Wudi Xinyue Chemical Group Co., Ltd.

Co., Ltd., Huizhou Siruier Environmental Technology Co., Ltd., Longbai Group Co., Ltd., CNOOC Huizhou Petrochemical Co., Ltd., Sinochem Environment Technology Engineering Co., Ltd., Xinjiang Waste Solid Recycling Resources Development Co., Ltd., Jiangsu Yongji Industrial Group Co., Ltd., CNOOC Tianjin Chemical Engineering Research and Design Institute Co., Ltd.

The main drafters of this document are: Han Xiaogang, Liu Baishan, Xu Zhiyuan, Shi Guanghui, Wang Jun, Zuo Xuanfeng, Ma Lei, Qian Jun, Zhang Yuansong, Yu Defu, Zhong Chenglin, Mu Xinghua, Wang Xiaoqian, Fan Qingpei, Jia Yongji, Gu Lingling, Chen Jianting, Gao Junfeng, Ju Yindong, Li Haiyan, Kong Lingquan, Jin Wenwen, Xu Bohang, Wang Yiming, Cai Jiangang, Zhang Kai, Wang Ying, and Wang Yan.

The previous versions of this document and the documents it replaces are as follows.

- First published in 2018 as GB/T 36380-2018;

- This is the first revision.

1 Scope

This document specifies the requirements for the treatment and disposal of industrial waste sulfuric acid, the control of the treatment and disposal process and products, and environmental protection.

This document applies to the treatment and disposal of industrial waste sulfuric acid.

2 Normative references

GB 175

GB/T 534

GB/T 3637

GB 8978

GB/T 9735

GB/T 14591

GB 16297

GB 18484

GB 18597

GB/T 19106

GB/T 22597

GB/T 27849

GB/T 31060

GB 39800.1

GB/T 40124

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 waste sulfuric acid

Sulfuric acid or sulfuric acid solution produced after the use of sulfuric acid that has reduced or lost its original utilization value.

3.2 Treatment

The process of treating waste sulfuric acid through physical, chemical and other technical methods to meet relevant product standards or usage requirements.