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

GB/T 43486-2023

Test method for protective agents for heating system

供暖系统保护剂测试方法

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative reference documents
- 3 Terms and definitions
- 4 Test methods

Foreword

This document complies with the provisions of GB/T 1:1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

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Heating system protective agent test method Warning: Some of the reagents used in this document are toxic or corrosive and should be handled with caution: If splashed on skin or eyes, remove immediately:

Rinse immediately with water: If severe, seek medical attention immediately: This document does not identify all possible safety issues: It is the user's responsibility to take appropriate safety precautions:

and health measures, and ensure compliance with the conditions stipulated in relevant national laws and regulations:

1 Scope

This document describes the pH value (25°C), density (25°C), total phosphorus content, nitrite content, and scale inhibition performance of the heating system protective agent: and test methods for corrosion inhibition performance:

This document applies to the testing of protective agent products used in heating systems:

2 Normative reference documents

GB/T 601

GB/T 602

GB/T 603

GB/T 6682

GB/T 16632

3 Terms and definitions

The following terms and definitions apply to this document: 3:1 It is composed of inorganic and organic scale inhibitors, metal preservatives and anti-microbial growth aids, etc., which can prevent scale inside the heating system:

and corrosion-forming chemical treatments:

4 Test methods

4:1 General provisions Unless otherwise specified, the reagents and water used in this document are analytically pure reagents and grade three water in compliance with GB/T 6682: try Unless otherwise specified, the standard titration solutions, standard solutions, preparations and products used in the test shall comply with GB/T 601, GB/T 602,

Preparation in accordance with GB/T 603:

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