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**Tobacco warehouse. Technical specifications for purifying the
remined phosphine gas
(English Translation)**

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 rules.

This standard was proposed by the State Tobacco Monopoly Bureau.

This standard by the National Standardization Technical Committee on Tobacco Enterprise Technical Committee (SAC/TC144/SC4) centralized.

This standard was drafted. Tobacco Hunan Industrial Co., Ltd. Hunan Hua Wang fumigation, Longyan tobacco industry limited liability any company, Wuhan Fairmont Warehouse Technology Co., Ltd. Guangdong tobacco industry limited liability company.

Introduction

The issuing authority of the document drew attention to the declaration in line with this document may involve "phosphine gas recovery unit", "environmentally friendly harmful Gas filtration and purification devices, "related the use of patents.

The issuing authority for the patent document authenticity, validity and scope, without reasonable position.

The patent holder has to ensure that the issuing authority of the document, he was willing to reasonable and non-discriminatory terms and conditions with any applicant, Patent licensing negotiations. The patent holder's statement has been filed in the release mechanism of the present document. Related information is available through the following Contact at.

"Phosphine gas recovery unit" Patent holders 1. Tobacco Hunan Industrial Co., Ltd.

Address. Middle Road, Changsha City, Hunan Province Wanjiali 188 "Phosphine gas recovery unit" patent holder 2. Hunan Hua Wang fumigation Ltd.

Address. Changsha, Hunan labor Road 523 City-Building, Room 1-201 "Environmentally harmful gas filtration and purification devices," the patent holder. Sampson Address. Hongshan District of Wuhan Guan Pass Hua Garden City 2-106 Please note that in addition to the above patents, some of the contents of this document may still involve patents. The issuing authority of this document does not undertake to recognize these special Lee responsibility.

Tobacco Warehouse phosphine fumigation exhaust gas purification technology specification

1 Scope

This standard specifies the tobacco warehouse phosphine fumigation exhaust gas purification specifications.

This standard applies to tobacco warehouse phosphine fumigation exhaust gas purification process.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 8978 Integrated Wastewater Discharge Standard GB 12348-2008 industrial enterprises of environmental noise emission standard plant boundary GB 14554 standard malodorous emissions GB 16297 Air Pollutant Emission Standards GB/T 17913-2008 grain and oil

storage phosphine recirculation equipment GB 50235-1997 industrial metal pipeline engineering construction and acceptance GB Z2.1-2007 Workplace Hazardous Occupational Exposure Limits - Part 1. Chemical hazardous agents GB Z159 workplace air sampling regulate hazardous substances monitoring GB Z/T 160.30 workplace air determination of phosphorus and its compounds molybdate spectrophotometry YC 301 smoke storage pest management phosphine mixed with carbon dioxide fumigation safety rules

3 Terms and Definitions

The following terms and definitions apply to this document.

Zero delay return-to-zero delay time Phosphine gas purification equipment timed from start until the phosphine gas purification device detects a sampling port phosphine gas concentration value it reaches a predetermined limit value so far, the time required for this process.

4.1 General Requirements

4.1.1

phosphine gas emission concentration values shall comply with the requirements of 4.1 GB Z2.1-2007.

4.1.2

outfall zero latency should be less than 5min, prior to the discharge port is not zero emission concentrations of phosphine gas should not be emitted to the atmosphere.

4.1.3

phosphine gas purification equipment exhaust gas generated by not less than GB 16297 in the third stage emission standards, or in compliance with relevant local laws Laws, and regulations.

4.1.4

phosphine gas purification equipment waste generated should not be below the third grade GB 8978 emission standards, or in accordance with the relevant local Laws and regulations.

4.1.5

phosphine gas purification equipment waste generated shall comply with the provisions of GB 14554, or in compliance with local laws, regulations