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

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Safety regulation for yellow phosphorus

黄磷安全规程

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Foreword

Appendix A and Appendix B of this guidance document are informative appendices. The guidance of technical documents by the National Standardization Technical Committee of Hazardous Chemicals proposed. The guidance of technical documents by the National Standardization Technical Committee of hazardous chemicals management. The guidance of technical documents Drafting Unit. CNOOC Tianjin Chemical Research and Design Institute, Hubei Xingfa Chemical Group Co., Ltd., Yunnan Malone Industry Group Co., Ltd., Wengfu (Group) Co., Ltd., Yunnan Institute of Chemical Industry. The main drafters of this

Guidance Document are Liu Youruo, Lu Siwei, Wang Weici, Ming Bing, Yang Yabin, Li Chenglin, Zhen Yunjun, Yang Guangming, Tan Wei. Yellow phosphorus safety regulations

1 Scope

GB/Z 24784-2009 is the Chinese national standard on safety regulation for yellow phosphorus. The /Z suffix marks it as a guiding technical document: it does not prescribe requirements that can be certified against, but sets out the technique, the method or the state of the art that the standards bodies recommend following. It was issued on 15 December 2009 by the State Administration for Market Regulation; Standardization Administration of China. As a guiding technical document it carries no separate date of entry into force: it applies from publication. Classification: ICS (ICS) , CCS A80. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This Guidance Document stipulates the site selection and overall layout, construction and structure of the Yellow Phosphorus safe production enterprise, production equipment and equipment, Safety Devices and Facilities, Safety Signs, Fire Services, Lighting and Electrical Safety, Lifting Equipment, Lightning Protection, Static Management, Safety Management, Safety Industry, equipment maintenance, storage and transportation of yellow phosphorus, occupational health and accident emergency response requirements. The guidance of technical documents are mainly applied to the electric furnace production of yellow phosphorus enterprises new construction, renovation, expansion of the design, production safety Management and control and safety evaluation.

2 Normative references

The following documents contain provisions which, through reference in this Guidance Document, become the provisions of this Guidance Note document. All dated Reference documents, all subsequent amendments (not including errata content), or revisions do not apply to this guidance document, however, drums Recipients of the agreement based on this guidance document are encouraged to study whether the latest versions of these documents are applicable. All undated references The latest version of this document applies to this guidance document. GB 2893 safe color GB 2894 safety signs

GB 4053.1 fixed steel ladders safety conditions

GB 4053.2 fixed steel inclined staircase safety conditions

GB 4053.3 fixed industrial protective railing safety conditions

GB 4053.4 fixed industrial steel platform

GB 4387 industrial enterprises factory railway, road transport safety regulations

GB 6067 crane safety regulations

GB 6222 industrial enterprises gas safety regulations

GB 7231 Industrial pipes of the basic identification of color, identification symbols and safety signs

GB 50016 architectural design code for fire protection

GB 50057 lightning protection design specifications

GB 50058 explosion and fire hazard electrical installations design specification

GB 50140 fire extinguisher configuration design specifications Design code for fire protection of petrochemical enterprises GB 50160-1992

GB 50187 General design of industrial enterprises

3 Terms and definitions

The following terms and definitions apply to this guidance document.

3.1 Phosphorus mixed with silica, coke or anthracite in the electric furnace at high temperature, resulting in a large amount of phosphorus-containing gas.