

ICS 13.020.01
CCS Z05

HG

**CHEMICAL INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

HG/T 6348-2026

**Technical specification for nitrous oxide emission reduction in
nitric acid industry**

硝酸行业氧化亚氮减排技术规范

(English Translation)

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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

HG/T 6348-2026 is a recommended industry standard of the People's Republic of China in the Chemical Industry sector, approved and issued by the Ministry of Industry and Information Technology on 13 February 2026, with effect from 1 September 2026.

It is administered by the China Petroleum and Chemical Industry Federation.

Classification: ICS 13.020.01; CCS Z05.

1 Scope

HG/T 6348-2026 is a technical specification for reducing nitrous oxide emissions in the nitric acid industry. Nitrous oxide is a greenhouse gas released as a by-product of nitric acid production, and this document deals with the technical measures used to cut those emissions at nitric acid plants.

It is a management-type standard intended for nitric acid producers, plant designers and engineering companies, environmental managers, and organizations that assess or verify emission reduction work. It is a voluntary standard, as the /T in its code shows. It was approved by the Ministry of Industry and Information Technology, issued on 13 February 2026 and takes effect on 1 September 2026. It is a new standard and does not replace an earlier edition.