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

SN/T 3401-2012

**Rules for fumigants residue detection after plant quarantine
fumigation
(English Translation)**

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Foreword

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

Please note that some of the content of this document may involve patents. Distribution of this document Institutions do not assume the responsibility to identify these patents.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. Tianjin People's Republic of China Exit Inspection and Quarantine.

1 Scope

This standard specifies the post-export plant quarantine fumigation of methyl bromide, sulfuryl fluoride and phosphine space residual concentration requirements and testing method.

This standard applies to export plant quarantine after the fumigation of methyl bromide, sulfuryl fluoride and phosphine space residual concentration detection.

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 7796 occupational acute methyl bromide poisoning diagnostic criteria and principles GB 7797 occupational acute phosphine poisoning diagnostic criteria and principles GB Z2.1 hazardous industrial sites Occupational Exposure Limits for chemical harmful factors Determination of toxic substances in workplace air GB Z160 GB Z159 workplace hazardous substances monitoring sampling specification

3 Terms and Definitions

The following terms and definitions apply to this document.

Fumigant

At a temperature and pressure required to produce pest lethal gas concentration of a chemical agent. This standard mainly refers bromomethyl Dioxane, sulfuryl fluoride and phosphine.

Fumigation such a class of compounds by means of fumigant, in a certain period of time and can be hazardous confined space techniques or methods of biocides.

The highest concentration of residual fumigant space limit
maximum allowable concentration of fumigant Within one business day, any time of the residual space fumigant concentrations should not exceed the maximum allowable concentration.

4 Fumigant residue limit requirements

After export plant quarantine fumigation fumigant concentration of residual space requirements are shown in Table 1.