



GB 37824-2019

Emission Standard of Air Pollutants for Paint, Ink, and Adhesive Industry

涂料、油墨及胶粘剂工业大气污染物
排放标准

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Emission standard of air pollutants for paint, ink and adhesive industry

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Foreword

In order to carry out the *Environmental Protection Law of the People's Republic of China* and the *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution*, prevent and control environmental pollution, improve environmental quality, and promote the technological progress and sustainable development of paint, ink and adhesive industry, this standard is formulated.

This standard specifies the requirements for the control, monitoring, and supervision management on emission of air pollutants for paint, ink and adhesive industry.

The discharge of water pollutants, odor pollutants, and environmental noise from paint, ink and adhesive industrial enterprises or production facilities shall be subject to the corresponding national pollutant discharge standards, and the identification, treatment and disposal of solid waste generated shall be subject to the corresponding national solid waste pollution control standards.

This standard is issued for the first time.

For new facility starting from July 1, 2019, and for existing facility starting from July 1, 2020, their air pollutant emission control shall follow provisions of this standard, and the “Integrated emission standard of air pollutants” (GB 16297-1996) will no longer be implemented. With the approval of the provincial people's government, this standard may be implemented in advance according to their local environmental protection needs and economic and technical conditions.

This standard is the basic requirements for the control over emission of air pollutants for paint, ink and adhesive industry. For the items that are not specified in this standard, the local provincial people's governments may formulate local pollutant emission standards. For items that have been specified in this standard, they may formulate local pollutant emission standards that are stricter than this standard.

Annex A and Annex B of this standard are informative.

This standard was developed under the organization of the Department of Atmospheric Environment and the Department of Regulations and Standards of the Ministry of Ecology and Environment.

The main drafting organizations of this standard are: East China University of Science and Technology, China National Coatings Industry Association, Shanghai Environmental Monitoring Center, Ink Branch of China Daily-used Chemical Industry Association, Chinese Research Academy of Environmental Sciences, and Shanghai Chemical Monitoring Station for Environment Protection.

This standard was approved by the Ministry of Ecology and Environment on April 16, 2019.

This standard would be implemented as of July 1, 2019.

This standard shall be interpreted by the Ministry of Ecology and Environment.

Emission standard of air pollutants for paint, ink and adhesive industry

1 Scope of Application

This standard specifies the requirements for the control, monitoring and supervision management on emission of air pollutants for paint, ink and adhesive industry.

This standard is applicable to the management on the emission of air pollutants for existing paint, ink and adhesive industrial enterprises or production facilities, as well as the environmental impact assessment, environmental protection facility design, environmental protection acceptance of completed project, issuance of pollutant emission permit and management on the emission of air pollutants after going into operation regarding the construction projects of paint, ink and adhesive industry.

The production equipment regarding synthetic resin production and modification in paint, ink and adhesive industrial enterprises shall comply with the relevant provisions of GB 31572.

2 Normative References

The following documents, in whole or in part, are normatively referenced in this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB 31572 Emission standard of pollutants for synthetic resin industry

GB 37822 Standard for fugitive emission of volatile organic compounds

GB/T 4754-2017 Industrial classification for national economic activities

GB/T 8017 Standard test method for vapor pressure of petroleum products Reid method

GB/T 15516 Air quality - Determination of formaldehyde - Acetylacetone spectrophotometric method

GB/T 16157 Determination of particulates and sampling methods of gaseous pollutants emitted from exhaust gas of stationary source

HJ 38 Stationary source emission - Determination of total hydrocarbons, methane and nonmethane hydrocarbons - Gas chromatography

HJ/T 42 Stationary source emission - Determination of nitrogen oxide - Ultraviolet spectrophotometric method

HJ/T 43 Stationary source emission - Determination of nitrogen oxide - N(1-naphtyl)-ethylenediamine dihydrochloride spectrophotometric method

HJ/T 55 Technical guidelines for fugitive emission monitoring of air pollutants

HJ/T 56 Determination of sulphur dioxide from exhausted gas of stationary source Iodine titration method

HJ 57 Stationary source emission - Determination of sulfur dioxide - Fixed potential by electrolysis method

HJ 77.2 Ambient air and waste gas - Determination of polychlorinated dibenzo-*p*-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) - Isotope dilution HRGC-HRMS



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