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

GB 25466-2010

Emission Standard of Pollutants from Lead and Zink Industry

铅、锌工业污染物排放标准

(English Translation)

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Foreword

To implement the Environmental Protection Law of the People's Republic of China, the Law of the People's Republic of China on Prevention and Control of Water Pollution, the Law of the People's Republic of China on Prevention and Control of Atmospheric Pollution, the Law of the People's Republic of China on Marine Environmental Protection, and the State Council on Strengthening the Environment Laws and Regulations on Protection and other "Opinions of the State Council on the Preparation of National Main Functional Area Planning", to protect the environment, to prevent pollution, to promote the progress of lead and zinc industrial production processes and pollution control technologies, this Standard was formulated.

This Standard specifies the emission limits, monitoring and monitoring requirements for water pollutants and atmospheric pollutants in the production process of lead and zinc industrial enterprises. It is applicable to water pollution and air pollution prevention and management in lead and zinc industrial enterprises. In order to promote the coordinated development of regional economy and environment, promote the adjustment of economic structure and

the transformation of economic growth mode, and guide the development direction of lead and zinc industrial production processes and pollution control technologies, this Standard specifies particular emission limits for water pollutants.

The pollutant discharge concentration in this Standard is the mass concentration.

Lead and zinc industrial enterprises emit odorous pollutants and environmental noises. The identification, treatment and disposal of solid wastes are applicable to national solid waste pollution control standards.

This Standard shall be issued for the first time.

From the date of implementation of this Standard, the discharge of water and atmospheric pollutants from lead and zinc industrial enterprises shall comply with this Standard. It shall not comply with relevant provisions in "Integrated Wastewater Discharge Standard" (GB 8978-1996), "Comprehensive emission standard of atmospheric pollutants" (GB 16297-1996) and "Standard of smoke and dust emission for industrial kiln and furnace" (GB 9078-1996).

Local provincial people's governments may formulate local pollutant discharge standards for pollutants not specified in this Standard. For pollutants that have been stipulated in this Standard, local pollutant discharge standards that are stricter than this Standard may be formulated.

Emission standard of pollutants
for lead and zinc industry

1 Scope

This Standard specifies the emission limits, surveillance and monitoring requirements for water pollutants and atmospheric pollutants in lead and zinc industrial enterprises, as well as relevant provisions on implementation and supervision of standard.

This Standard is applicable to the management of water pollutants and

atmospheric pollutants in lead and zinc industrial enterprises, as well as environmental impact assessment, environmental protection facilities design, and environmental protection acceptance of lead and zinc industrial enterprises construction projects as well as the management of water pollutants and atmospheric pollutants after they are put into production.

This Standard does not apply to industries such as calendering of recycled lead, recycled zinc and lead timber, zinc timber. It is not applicable to non-characteristic production processes and devices affiliated with lead and zinc industrial enterprises.

This Standard applies to the discharge of pollutants permitted by law. For site selection of newly established pollution sources and management of existing pollution sources in special protection areas, in addition to this Standard, it shall also comply with the relevant provisions of laws, regulations and rules such as the Law of the People's Republic of China on Prevention and Control of Atmospheric Pollution, the Law of the People's Republic of China on Prevention and Control of Water Pollution, the Law of the People's Republic of China on Marine Environmental Protection, the Law of the People's Republic of China on the Prevention and Control of Environmental Pollution of Solid Wastes, the Environmental Impact Assessment Law of the People's Republic of China.

The water pollutant emission control requirements specified in this Standard are applicable to the behavior of enterprises directly or indirectly discharging water pollutants outside their legal boundaries.

2 Normative references

This Standard refers to the following documents or their terms.

HJ/T 195-2005, Water quality - Determination of ammonia-nitrogen Gas-phase molecular absorption spectrometry

HJ/T 199-2005, Water quality - Determination of total-nitrogen Gas-phase molecular absorption spectrometry

HJ/T 399-2007, Water quality - Determination of the chemical oxygen demand - Fast digestion - Spectrophotometric method

HJ 482-2009, Ambient air - Determination of sulfur dioxide - Formaldehyde absorbing-pararosaniline spectrophotometry

HJ 483-2009, Ambient air - Determination of sulfur dioxide in ambient air - Tetrachloromercurate (TCM) - pararosaniline method

HJ 487-2009, Water quality - Determination of Fluoride - Visual colorimetry zirconium alizarin sulfonate

HJ 488-2009, Water quality - Determination of Fluoride - Fluorine reagents spectrophotometry

HJ 535-2009, Water Quality - Determination of Ammonia Nitrogen - Nessler's Reagent Spectrophotometry

HJ 536-2009, Water quality - Determination of ammonia nitrogen - Salicylic acid spectrophotometry

HJ 537-2009, Water quality - Determination of ammonia nitrogen - Distillation - neutralization titration

HJ 538-2009, Stationary source emission - Determination of lead - Flame atomic absorption spectrometry (on trial)

HJ 539-2009, Ambient air. Determination of lead. Graphite furnace atomic absorption spectrometry (on trial)

HJ 542-2009, Ambient air - Determination of mercury and its compounds - Cold atomic fluorescent (on trial)

HJ 543-2009, Stationary source emission - Determination of mercury - Cold atomic absorption spectrophotometry (on trial)

HJ 544-2009, Stationary source emission - Determination of sulfuric acid mist-Ion chromatography (on trial)

Measures for the Automatic Monitoring and Control of Pollution Sources
(Order No. 28 of the State Environmental Protection Administration)