

HJ

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

中华人民共和国环境保护行业标准

HJ/T 397-2007

**Technical specifications for emission monitoring of
stationary source**

固定源废气检测技术规范

Issued on December 7, 2007

Implemented on March 1, 2008

Issued by State Environmental Protection Administration

State Environmental Protection Administration

Announcement

[2007 No.81]

Now approve and publish the *Technical Specifications of the Fixed Source Pollutant Emission Monitoring* and other three standards as the state environmental protection standards to carry out the *Environmental Protection Law of the People's Republic of China*, protect the environment, ensure human health, improve the level of environmental management, and standardize the environmental monitoring work.

Standard name and standard No. are as follows:

- I. Technical Specifications for Emission Monitoring of Stationary Source (HJ/T 397-2007)
- II. Emissions from Stationary Pollution Source Determination of Flue Gas Blackness Ringelmann Flue Gas Blackness Diagram Method (HJ/T 398-2007)
- III. Water Quality-Determination of the Chemical Oxygen Demand Fast Digestion Spectrophotometric Method (HJ/T 399-2007)
- IV. Determination of Interior Volatile Organic Compounds and Carbonyl Compounds in Cabin of Vehicles (HJ/T 400-2007)

This standard shall be legally enforced and shall be implemented since the date of issuance and published by the China Environmental Science Press, and the content of the standard can be available at the website of State Environmental Protection Administration (www.sepa.gov.cn/tech/hjbz/bzwb).

It is hereby to announce that.

December 7, 2007

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Foreword

This standard is established to carry out the *Environmental Protection Law of the People's Republic of China* and *Law of the People's Republic of China on the Prevention and Control of Atmospheric Pollution*, prevent and control atmospheric pollution, and improve environmental quality.

This standard specifies the manual sampling and determination of particulate and gaseous pollutants monitoring methods in smoke flue, chimney and vent emission funnel and other fixed pollutant sources, as well as the monitoring methods of the portable instruments. It formulated corresponding provisions on the preparation for emission monitoring of stationary source, determination of exhaust emission parameter, sampling and determination method of particulates and gaseous pollutant in exhaust and the quality assurance of monitoring, etc.

Annex A of this Standard is Informative Annex.

This standard is first released..

This standard is proposed by the scientific and technical standard department of State Environmental Protection Administration.

This standard is mainly drafted by the following units: China National Environmental Monitoring Center and Shenyang Municipal Environmental Monitoring Center.

This standard is approved by State Environmental Protection Administration. on December 7, 2007.

Implementation date of this standard is on March 1, 2008.

This standard is interpreted by State Environmental Protection Administration.

Technical specifications for emission monitoring of stationary source

1 Scope

This standard specifies the manual sampling and determination of particulate and gaseous pollutants monitoring methods in smoke flue, chimney and vent emission funnel and other fixed pollutant sources, as well as the monitoring methods of the portable instruments. It formulated corresponding provisions on the preparation for emission monitoring of stationary source, determination of exhaust emission parameter, sampling and determination method of particulates and gaseous pollutant in exhaust and the quality assurance of monitoring, etc.

This standard applies to the environmental monitor stations at all levels, the emission monitoring on exhaust emission of stationary source, environmental protection acceptance monitoring on the completion of construction project, monitoring on the governance effect of pollution treatment installation, verification monitoring on continuous emission monitoring system and the research monitoring on technique of cleaner production and pollution prevention technique, etc. carried out by industry and enterprise professional institute on environment monitoring and the research department on environmental sciences, etc.

2 Normative references

The articles contained in the following documents have become this standard when they are quoted herein. For the undated documents so quoted, all the modifications or revisions made thereafter shall be applicable to this Standard.

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

HJ/T 47 Technical conditions of sampler for stack gas

HJ/T 48 Technical conditions of sampler for stack dust

ISO 12140 Agricultural machinery -- Agricultural trailers and trailed equipment -- Drawbar jacks

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions shall apply.

3.1 Pollution source

Facilities or building constructions (such as workshops) emitted from atmospheric pollutants.



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