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JJF

NATIONAL METROLOGY TECHNICAL SPECIFICATION OF THE PEOPLE'S REPUBLIC OF CHINA

JJF 1404-2013

Program of Pattern Evaluation of Air Samplers

大气采样器型式评价大纲

(English Translation)

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Introduction

This type of evaluation based on the outline JJF 1016 "Measuring Instruments type evaluation outline guidelines for the preparation", JJF 1015 "count Evaluation of the amount of equipment type and type approval of universal norms "and JJF 1001" common measurement terms and definitions of "compilation.

The outline of the type evaluation technical indicators reference to GB/T 17061-1997 "workplace air sampling equipment Technical Specifications ", HJ/T 375-2007" ambient air sampler technical requirements and test methods ", HJ/T 376-2007 "24 thermostatic automatic continuous ambient air sampler technical requirements and test methods", JJG956-2013 "big Air sampler ", GB/T 11606-2007" analytical instruments environmental test method "and other technical regulations.

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This type of evaluation outline for the first release.

Air sampler type evaluation outline

1 Scope

This type of evaluation framework applicable to air sampler (hereinafter referred to as sampling) the type evaluation.

2. References

JJG956-2013 air sampler GB/T 11606-2007 analytical instruments environmental test methods GB/T 17061-1997 workplace air sampling equipment specifications HJ/T 375-2007 ambient air sampler technical requirements and test methods HJ/T 376-2007 24 Xiaoshi thermostatic automatic continuous ambient air sampler technical requirements and test methods these documents contain provisions which through reference in this syllabus constitute provisions of this outline. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this syllabus, however, the drum Reed whether the latest versions of these files according to the parties that this outline agreement. Those who do not note cited date Use, the latest versions apply to this outline.

3 Overview

Sampling is an acquisition instrument atmospheric gaseous or vapor samples, which works with a sample pump, through the steady flow through different measures and timing synchronization method, achieve the quantitative collection. According to the instrument to withstand the load capacity, the instrument Divided into Class A (bearer 0.5kPa) and Class B (bearer 4.5kPa).

The sampler consists of three parts collector flow system and pump power systems. Collectors into the absorption tube, filter Sampling clip, solid particle sampling tube for collecting a small amount of gaseous pollutants mining trachea, syringes, vacuum bottles.

Flow measurement systems typically employ a gas flow rotameter, flow regulating assembly also means, and a timing control means Temperature control devices. Suction power system is actually a vacuum pumping system, usually by an electric vacuum pump, scraper Pump, membrane pump, electromagnetic pump or other suction pump and other components.

4 legal management requirements 4.1 technical documents applicant shall submit the information and test prototype

4.1.1 Technical documents

4.1.1.1 Prototype Photos 4.1.1.2 product standards (including test methods) 4.1.1.3 assembly diagram, schematic diagram and major components

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4.1.1.4 Instructions 4.1.1.5 proof certificate (only for explosion-proof sampling requirements)

4.1.1.6 Development Unit test report done

4.1.2 Test Prototype

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