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of China**

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JJF 1441-2013

**Program of Pattern Evaluation of Dissolved
Oxygen Meter with
Covered-Membrane-Electrode
覆膜电极溶解氧测定仪
型式评价大纲**

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**Program of Pattern Evaluation of Dissolved Oxygen Meter
With Covered-Membrane-Electrode**

JJF 1441—2013

This program is under the jurisdiction of:

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This program is drafted by:

Zhejiang Province Institute of Metrology

The organizations participating in drafting this program are:

Shanghai Institute of Measurement and Testing;

Shanghai Precision and Scientific Instrument Co., Ltd;

National Institute of Measurement and Testing Technology

Main drafters of this program:

Xu Yuanyuan (Zhejiang Province Institute of Metrology)

Shen Wenjing (Zhejiang Province Institute of Metrology)

Zhang Yanquan (Zhejiang Province Institute of Metrology)

Drafters participating in drafting this program:

Wang Zhentao (Shanghai Institute of Measurement and Testing)

Jin Chunfa (Shanghai Precision and Scientific Instrument Co., Ltd)

Yuan Li (National Institute of Measurement and Testing Technology)

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Introduction

This program of pattern evaluation is formulated according to the provisions of JJF 1015 *General Specifications for Pattern Evaluation and Approval of Measuring Instruments*, JJF 1016 *Guidelines for Pattern Evaluation of Measuring Instruments*, and JJF 1001 *Terms and Definitions of General Metrology*.

The technical indexes of this program of pattern evaluation reference JJG 291-2008 *Dissolved Oxygen Meter with Covered-Meter-Electrode*, GB/T 11606-2007 *Methods for Environmental Test of Analytical Instruments*, HJ 506-2009 *Water Quality, Determination of Dissolved Oxygen, Electrochemical Probe Method*.

This is first issue of this program of pattern evaluation.

Program of Pattern Evaluation of Dissolved Oxygen Meter With Covered-Membrane-Electrode

1 Scope

This program is applicable to the pattern evaluation of laboratory and portable dissolved oxygen meter (hereafter referred to as meter) with (0~20) mg/L measuring range.

2 References

JJG 291-2008 Dissolved Oxygen Meter with Covered-Meter-Electrode

GB/T 11606-2007 Methods for Environmental Test of Analytical Instruments

HJ 506-2009 Water Quality, Determination of Dissolved Oxygen, Electrochemical Probe Method

The articles contained in the following documents have become this Standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

3 Summary

The meter used for determining constant concentration of dissolved oxygen (DO) in water generally consists of oxygen electrode with covered-membrane, electronic unit and display.

4 Technical materials and experimental prototype submitted by applicant

4.1 Technical materials

- a) Photos of prototype;
- b) Enterprise product standard (including test methods)
- c) General assembly drawing, main parts drawing and circuit diagram;
- d) Operation Manual

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