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**INDUSTRY STANDARD OF THE
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**Program of Pattern Evaluation for Gas Laminar Flow
Transducers
(English Translation)**

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Laminar flow pattern evaluation method of gas flow sensor with electronic parts Appendix A
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Laminar gas flow sensor type evaluation outline

1 Scope

This outline is applied to the laminar gas flow sensor (hereinafter referred to as sensors) the type evaluation. With electronic parts Evaluation of sensor types, see Appendix A.

2 Citations

JJG 736 laminar gas flow sensor GB/T 2423.1-2008 Environmental testing for electric and electronic products Part 2. Test methods Test A.

Hypothermia

GB/T 2423.2-2008 Environmental testing for electric and electronic products Part 2. Test methods Test B.

high temperature

GB/T 2423.3-2006 Environmental testing for electric and electronic products Part 2. Test methods Test Cab.

Damp heat test

GB/T 2423.6-1995 Environmental testing for electric and electronic products - Part 2. Test methods and test Eb Guidance. Bump GB/T 2423.8-1995 Environmental testing for electric and electronic products Part 2. Test methods Test Ed.

Free fall

GB/T 15479-1995 industrial automation instruments of insulation resistance, dielectric strength technical requirements and test methods GB/T 17626.2-2006 Electromagnetic compatibility - Testing and measurement techniques - Electrostatic discharge immunity test GB/T 17626.4-2008 Electromagnetic compatibility - Testing and measurement techniques - Electrical fast transient burst immunity test GB/T 17626.5-2008 Electromagnetic compatibility - Testing and measurement techniques - Surge (impact) immunity test GB/T 17626.8-2006 Electromagnetic compatibility - Testing and measurement techniques - Power frequency magnetic field immunity test OIMLR137-1.2006 gas flowmeter Part I. Requirements (GasMeters Part 1. Re-quirements) 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 revised version shall apply to this syllabus, however, encourage Whether the latest versions of these files according to the parties that this outline agreement. For undated references the , The latest versions apply to this outline.

3 Terms, symbols and codes 3.1 laminar gas flow sensor gaslaminarflowtransducer Gas under laminar flow sensor is the use of laminar flow conditions, fluid mechanics and fluid flow rate through the differential pressure is proportional to the flow rate measuring apparatus manufactured.

3.2 sensor coefficient K0 transducercoefficientK0