

ICS 19.040

CCS N61



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

GB/T 11159-2010

Replacing GB/T 11159-1989

Specifications for low air pressure test chambers

低气压试验箱技术条件

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Foreword

The standard is "environmental testing equipment technology" series. The series of standards consists of the following standard components.

- GB/T 10586-2006 humid chamber technical conditions
- GB/T 10587-2006 salt spray test chambers
- GB/T 10588-2006 mildew test chambers
- GB/T 10589-2008 low temperature test chambers
- GB/T 10590-2006 high temperature/low air pressure test chambers
- GB/T 10591-2006 high temperature/low air pressure test chambers
- GB/T 10592-2008 high and low temperature test chambers
- GB/T 11158-2008 high temperature test chambers This standard replaces GB/T 11159-1989 "low pressure chamber and technical conditions." This standard and GB/T 11159-1989 main changes are as follows:
 - a) increase the "Terms and Definitions" chapter;
 - b) environmental conditions in expanding the scope of atmospheric pressure (see 4.1);
 - c) increasing the chamber pressure 0.1kPa predetermined value a value (Table 1);
 - d) increase the dielectric strength requirements (see 5.3.1). The standard proposed by China Machinery Industry Federation. This standard is under the jurisdiction of Machinery Industry Standardization Technical Committee laboratory instruments and equipment. This standard by the Chongqing Sida Test Equipment Co., Southern Jiangsu Wuxi Test Equipment Co., Ltd., Chengdu Sky Test Equipment Co., Ministry of Information Industry Institute of Electronics fifth, Hunan Institute of Metrology detection, mechanical Instrumentation Technology and Economy Institute is responsible for Drafted. The main drafters of this standard. Chen Yunsheng, Ni Yiming, Jin Xubin, Zousu Yang, Li Qing first,

Feng Xiao L, Jinli Hui, Xiong Zhiming, Marin. This standard replaces the standards previously issued as follows:

--- GB/T 11159-1989. Low air pressure test chambers

1 Scope

GB/T 11159-2010 is the Chinese national standard on specifications for low air pressure test chambers, in the field of testing. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 1 December 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2011. Classification: ICS 19.040, CCS N61. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the low pressure chamber (hereinafter referred to as chamber) of the terms and definitions, conditions of use, technical requirements, test methods, inspection Rules and signs, packaging, storage. This standard applies to electrical and electronic products and other products, parts and materials for low-pressure test chamber.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 191-2000 Packaging - Pictorial signs (eqv ISO 780.1997)

GB 14048.1-2006 Low-voltage switchgear and control equipment Part 1. General (mod

IEC 60947-1.2001) Determination of

JB/T 9512-1999 climate chamber test equipment and sound power levels

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Chamber testchamber Wherein a portion can be sealed to meet the specified test conditions of housing and space.

3.2 Pressure setpoint airpressure
setpoint With chamber control means sets a desired pressure values.

3.3 Pressure nominal value achieved
nominalvalue According to the test method requires a predetermined pressure value or need a pre-determined pressure value.

3.4 The actual pressure achieved
airpressure After stabilization, the pressure chamber work space.

3.5 Pressure stability airpressure
stabilization The work space pressure to a pressure set value and maintained within the tolerance range.

3.6 Workspace working
space Test chamber capable of maintaining a predetermined condition within the specified tolerance parts.

3.7 Air pressure changing rate airpressure
rateofchange Workspace measured two to the transition rate between the air pressure set to kPa/min units.

3.8 Pressure deviation airpressure
variation After stabilization, at any time interval, the difference between the highest and lowest values of the nominal value of its air pressure and air pressure.