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

GB/T 2900.98-2016

Electrotechnical terminology -- Electrochemistry

电工术语 电化学

(English Translation)

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Foreword

GB/T 2900 "Electrical terminology" consists of many parts.

This part is part 98 of GB/T 2900.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part uses the translation method equivalent to IEC 60050-114.:2014 "International Electrotechnical Vocabulary Electrochemistry".

The term entry numbers in this section are consistent with IEC 60050-114.:2014.

This part of the National Electrical Engineering Standardization Technical Committee (SAC/TC232) proposed and centralized.

This part of the drafting unit. in the machine productivity promotion center, Tianjin University, Peking University, Nankai University.

1 Scope

This part of GB/T 2900 specifies the terms and definitions in the field of electrochemical technology.

This part applies to all areas of electrochemical technology.

2.1 Ion solution

114-01-01

Electrochemical

A branch of science and technology that studies the relationship between chemical reactions and electrical phenomena.

Note: This clause is 111-15-01 of IEC 60050-111.:1996, as amended, which has been superseded by IEC 60050-151.:2007, 151-11-16.

114-01-02

Electrolyte

A liquid or solid substance containing moving ions and conducting a conductive action.

Note 1: The electrolyte may also be a gel.

Note 2: This clause is 111-15-02 in IEC 60050-111.:1996 and is amended by adding the following notes to IEC 60050-482.:2004, 482-02-29.

In the article.

114-01-03

Electrolytic conductivity gamma, sigma the conductivity of a certain electrolyte.

Note: The electrolytic conductivity of the international unit unit is Siemens per meter, S/m.

114-01-04

Dissolve (verb) the process of mixing a substance into another substance to form a new homogeneous substance.

Note: One or more solutes are dissolved in the solvent as a result of a solution.

114-01-05

Solute

Dissolved substances in another substance.

114-01-06

Solvent

A substance that dissolves another substance.

114-01-07

Solution

One or more solutes dissolve in a solvent.