

ICS 29.080.10

CCS K 48



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

GB/T 26218.1-2010

Replacing GB/T 16434-1996; GB/T 5582-1993

**Selection and dimensioning of high-voltage insulators intended
for use in polluted conditions -- Part 1: Definitions, information
and general principles**

污秽条件下使用的高压绝缘子的选择和尺寸确定 第1部分：定义、信息和一般原则

(English Translation)

Issued on: January 14, 2011

Implemented on: July 1, 2011

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard provides a common definition. Site contamination degree (SPS) assessment methods. And outlines the principles for some filthy environment to approximate performance of certain types of insulators come off. This section applies to high- voltage systems under filthy conditions of use associated with insulators selection and sizing. This section is generally applicable to all types of outside insulation, including insulation other electrical components constitute a term used behind the " insulator " refers to any type of insulator. insulator performance under filthy conditions at a deeper level research can be carried out with reference to CIGRE C4 file [1], [2], [3], these files GB/T 26218 provides a useful supplement. This section does not involve the influence of snow, ice or elevation of dirty insulators, although this topic and CIGRE [1], [4] related, but existing knowledge is very limited, practice is also different.

Document data

International classification (ICS): 29.080.10.

Chinese classification (CCS): K48.

Estimated length of the Chinese original: 44,437 words.

Adopted international standard: IEC/TS 60815-1-2008, MOD.

Supersedes the earlier edition GB/T 16434-1996; GB/T 5582-1993.

Standards quoted by this document

GB/T 156; GB/T 2900.8; GB/T 4585-2004; GB/T 7253; GB/T 22707; IEC 60433