

ICS 73.080
CCS Q61

SN

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

SN/T 3798-2014

**Determination of asbestos in building and automobile materials
- Polarized light microscope
(English Translation)**

Issued on: January 13, 2014

Implemented on: August 1, 2014

Issued by: General Administration of Customs

Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China Shandong CIQ.

1 Scope

This standard specifies the construction and automotive materials chrysotile, amosite, crocidolite, tremolite, actinolite and anthophyllite asbestos fibers polarization Microscope qualitative and semi-quantitative methods.

This standard applies to construction and automotive materials chrysotile, amosite, crocidolite, tremolite, actinolite and anthophyllite asbestos fibers qualitative and semi-quantitative determination.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

Laboratory use specifications and test methods GB/T 6682 Analysis GB/T 19863 Test Method stereomicroscope GB/T 24665 polarizing microscope

3 Terms and Definitions

The following terms and definitions apply to this document.

Asbestos

A naturally occurring fibrous silicate mineral, serpentine and fibrous amphibole into fibrous minerals, including chrysotile, amosite, bluestone Cotton, actinolite, tremolite and

anthophyllite aspect ratio greater than 3.1.

Polarizing microscope polarized light microscope Use upper and lower polarizer into polarized light source and a transparent mineral and gem microscopic observation, identification and analysis of a study Kinds of optical microscopes, usually by the eyepiece, an objective lens, under the polarizer (polarizer), a polarizer (analyzer analysis mirrors or mirror), compensation, stage, Part of the Bertrand lens and a condenser lens and the like.

Stereo microscope an optical properties of reflected light and transmitted light of the sample color, shape, transparency, and size were identified and analyzed Microscope, generally by the eyepiece lens, light reflection, light transmission, and the stage and other components.

Complementary color filter compensator the rate of light oval known radius position, name, and the optical path difference mineral mosaic together with a special metal frame. The most commonly used complementary color filter Mica test panels, gypsum and quartz wedges test plate.