JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS A 1481-2 : 2016

Determination of asbestos in building material products — Part 2: Sampling and qualitative analysis for judgement of existence of containing asbestos

ICS 13.040.20

Reference number : JIS A 1481-2 : 2016 (E)

Date of Establishment: 2014-03-28

Date of Revision: 2016-03-22

Date of Public Notice in Official Gazette: 2016-03-22

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Architecture

JIS A1481-2 : 2016, First English edition published in 2016-07

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

Printed in Japan NH/HN

Contents

Page

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS A 1481-2**:2014 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

JIS A 1481 series consists of the following 4 parts:

JIS A 1481-1 *Air quality — Bulk materials — Part 1: Sampling and qualitative determination of asbestos in commercial bulk materials*

JIS A 1481-2 *Determination of asbestos in building material products — Part 2: Sampling and qualitative analysis for judgement of existence of containing asbestos*

JIS A 1481-3 *Determination of asbestos in building material products — Part 3: Quantitative analysis of containing asbestos by X-ray diffraction method*

JIS A 1481-4 *Air quality — Bulk materials — Part 4: Quantitative determination of asbestos by gravimetric and microscopical methods*

Determination of asbestos in building material products — Part 2 : Sampling and qualitative analysis for judgement of existence of containing asbestos

Introduction

This Japanese Industrial Standard was established in 2014. The revision at this time has been made for the purpose of maintaining its consistency with other standards in **JIS A 1481** series. The comparison table between previous and current editions of this Standard on technically significant revisions is given in Annex D.

No corresponding International Standard has been established at this point.

1 Scope

This Standard specifies matters concerning determination of the presence of asbestos in samples taken from building products; namely, the analytical sample preparation (primary and secondary analytical samples), the qualitative analysis method using an X-ray diffractometer and a dispersion staining phase-contrast microscope, and the method for determination of the presence of asbestos.

This Standard is applicable to qualitative analysis of: fire proofing spraying materials and the like, spraying materials made of vermiculite, interior finishing materials (moulded boards), floor tiles, exterior finishing materials (moulded boards, mortar), roofing materials, chimney materials, heat insulating materials, textile goods (cloths), sealing compounds and expansion joints.

This Standard is not applicable to natural minerals which can contain asbestos or any products made of such natural minerals (excluding spraying material made of vermiculite).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS K 3850-1 *Determination of airborne fibrous particles — Part 1 : Optical microscopy method and scanning electron microscopy method*

JIS K 8121 *Potassium chloride (Reagent)*

JIS K 8264 *Formic acid (Reagent)*

JIS R 3503 *Glass apparatus for chemical analysis*

JIS R 3702 *Cover glasses for microscopes*