

Chapter

1. Asbestos Exposure Assessment, Risk Identification, and Substitutes

Section

B. Asbestos Exposure Assessment and Control in Occupational Settings

No./Title

a-20. Determination of asbestos in building material products

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Bibliographic ID

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Introduction

Asian context

This method is useful because the analysis results are close to the weight percentages. However, the high cost and complicated sample preparation and analysis process of this method should be taken into account for its availability.

Critical appraisal

The advantage of this XRD-based method is that its quantitative analysis results are close to the weight percentages of asbestos. However there is controversy on the availability of this method associated with low content samples nearby 0.1%.

Unique keywords

Abstract

Background: This method describes the analysis of asbestos in bulk materials by XRD techniques coupled with dispersion staining PCM (DS-PCM).

Objective: The building material products to be measured with this method are fire proofing protecting coverings, interior finishing materials, floor tiles, exterior materials, roofing materials, chimney materials, heat insulating materials, textile goods, sealing compounds and expansion joints. This standard is mainly applied to materials with an asbestos content less than 5% in mass.



No available PDF

Annotation

Fact 1

- Annotation is not provided for this factsheet.

Fact 2



Fact 3



Fact 4



Fact 5



References