



**Capital Environmental Services 2005 Ltd**

**Client Number 6054**

PO Box 38328, Wellington Mail Centre, Lower Hutt, 5045  
2-4 Bell Road South, Gracefield, Lower Hutt, 5010

**Telephone 04 566-3311**

**www.fibres.co.nz**

**Authorised Representative**

Mrs Monica Singe  
Laboratory Manager

**Programme**

Chemical Testing Laboratory

**Accreditation Number 636**

**Initial Accreditation Date 4 February 1997**

**Conformance Standard**

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

**Laboratory Services Summary**

2.58 Environmental Monitoring  
2.64 Asbestos

Operations Manager  
Authorisation:

Issue 56

Date:09/07/25

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Chemical Testing Laboratory  
**SCOPE OF ACCREDITATION**

Accreditation Number 636

## Environmental Monitoring

### 2.58 Environmental Monitoring

#### (b) Air

Gravimetric analysis of particulate collected on filters

AS 2985:2009 Workplace Atmospheres – Method for Sampling and Gravimetric Determination of Respirable Dust

AS 3640:2009 Workplace Atmospheres – Method for Sampling and Gravimetric Analysis of Total Inhalable Dust

## Asbestos

Sampling activities of the laboratory may be carried out elsewhere. Testing for asbestos identification and fibre counts are carried out at the laboratory's premises in Lower Hutt or at their mobile facility.

### 2.64 Asbestos

#### (a) Identification

Sampling and Analysis

Identification of asbestos in bulk samples including; Amosite, Chrysotile, Crocidolite, Tremolite, Actinolite and Anthophyllite asbestos using polarised light microscopy (PLM).

In-house method based on:

AS4964:2004 Method for Qualitative Identification of Asbestos in Bulk Samples

HSG 248 Asbestos: The analysts' guide (July 2021)

Identification and quantification of asbestos in soil and associated materials.

Fibre counting and identification of asbestos on filters

In-house method based on:

AS4964:2004 Method for Qualitative Identification of Asbestos in Bulk Samples

HSG 248 Asbestos: The analysts' guide (July 2021)

Standing Committee of Analysts: The Quantification of Asbestos in Soil (2017)

#### (b) Fibre Counts

Sampling and Analysis

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Determination of air-borne asbestos fibre counts on membrane filters

National Occupational Health & Safety Commission: 3003(2005) Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres (2<sup>nd</sup> Ed)

Fibre counting and identification of asbestos on filters

In-house method based on:

HSG 248 Asbestos: The analysts' guide (July 2021)

Standing Committee of Analysts: The Quantification of Asbestos in Soil (2017)

**(e) Mobile facilities**

Establishment and operation of mobile laboratories for the purposes of fibre counting, in accordance with procedures listed in 2.64(b).

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