



BULK SAMPLE IDENTIFICATION CERTIFICATE

Job Number: 18-046715 Certificate Issue Date: 03-Apr-18

Date Samples Received: 03/04/2018
No of Samples: 2

Sampled By: Client
Obtained: Submitted by client

Date Analysed: 03/04/2018
Analyst: Tong Tong Yu
Method: AS 4964 (2004) Method for the Qualitative Identification of Asbestos in Bulk Sample:

Client: Asbestos Inspection Services Limited
Client Address: 71 Thatcher Street, Whanganui 4501

Client Ref No: -
Contact: Bruce
Site Address: Taihape Hospital

We examined the following sample(s) using Low Powered Stereomicroscopy followed by 'Polarised Light Microscopy' including Dispersion Staining Techniques. The result(s) in this certificate relate(s) to the sample(s) as received.


GLOSSARY


CHRYSTOLITE (WHITE ASBESTOS) - CROCIDOLITE (BLUE ASBESTOS) - AMOSITE (BROWN ASBESTOS) - TREMOLITE, ANTHOPHYLLITE & ACTINOLITE (LESS COMMON ASBESTOS FIBRE TYPES) - SMF (SYNTHETIC MINERAL FIBRE)

Where non-asbestos fibres and the product type are listed, this is to help in the interpretation of results and are the opinion of the analyst only. Where the sampling is not conducted by Dowdell & Associates Ltd, the information indicated is that supplied by the client. Dowdell & Associates Ltd cannot be held responsible for sampling errors where the sample is taken by others. In analyzing non-homogeneous Bulk Materials and Soils for the presence of Asbestos, inherent difficulties arise while using the 'standard' Stereomicroscopic / Polarised Light Microscope method in determining differences between those samples considered as containing 'No Asbestos', those containing 'Trace' asbestos and those samples considered as having asbestos present but in very low concentrations. 'Trace' Asbestos is defined in the 'AS 4964 (2004) - Method for the Qualitative Identification of Asbestos in Bulk Materials', which is the most current of methods available for this type of analysis. Dowdell & Associates Ltd, while making every effort to minimise such difficulties, takes no responsibility for the misidentification of such samples and the subsequent actions taken by the client as a result of such analyses. A in-house subsampling method based on Western Australia guidelines is used for soil samples recieved above 150 grams.

NOTE: This report must not be altered, or reproduced except in full.



Analyst: 	Name: Tong Tong Yu
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Approved By: 	KTP: Rob Nicholson
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18-046715 Results

Laboratory Reference	Site Location / Client Description	Sample size as received	Result			
			Sample Material type	Sample Weight Analysed	Analysis	Comments
164750	001. Taihape Hospital - Maternity Block - Roof top - East saw tooth	27g	Cement	As received	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	n/a
164751	002. Taihape Hospital - Maternity Block - Roof top - West saw tooth roof slate tile	10g	Cement	As received	Chrysotile (White Asbestos) Amosite (Brown Asbestos)	n/a