



Ref No: J112218
Sample No: 1

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DETERMINATION OF ASBESTOS IN SOIL REPORT

Fibre Identification, Stages 1 - 2

CLIENT: Green Shield Environmental Limited
SITE ADDRESS: Astor College, 99 Charlotte Street, London
W1T 4QB
SAMPLED BY: Green Shield Environmental Limited

DATE SAMPLED/RECEIVED: 6.12.16
ANALYST: EKP
DATE ANALYSED: 9-12.12.16

ANALYTICAL PROCEDURE

Fibre identification was carried out in accordance with the documented 'in-house' procedures 2.01 and 2.04 and based on the HSE Guidance Note HSG 248. These employed stereo microscopy, polarized microscopy and dispersion staining techniques.

Wet Weight of sample / g: 997.42

Dry Weight of sample / g: 886.15

Weight of material (>10 mm) removed / g: 299.37

Dry Weight used for calculations / g: 586.78

RESULTS

Sample No.	Sample Product Type	Asbestos Detected	Asbestos Type
1	Insulation	Yes	Chrysotile
Total weight of asbestos from stages 1 and 2 in sample / g			0.0024
Percentage of asbestos from stages 1 and 2 in sample / %			0.0004

NOTES: Sample(s) were examined for the presence of 6 types of asbestos fibre: crocidolite (blue), amosite (brown), chrysotile (white), anthophyllite, actinolite, and tremolite.

Y	Due to the sample containing greater than 0.1% asbestos, stage 3 examination (loose fibres) was not carried out, as sample deemed as hazardous waste
	The sample contained greater than 0.1% asbestos, stage 3 was examined at the request of the client.
	Stage 3 was not performed for loose fibres at the request of the client
	Stage 3 was examined for loose fibres at the request of the client

Fibre counting of Stage 3

ANALYST: EKP

DATE ANALYSED: 12.12.16

ANALYTICAL PROCEDURE

Fibre counting was carried out in accordance with the documented 'in-house' procedures 2.04 and based on the SCA Guidance Note, The determination of Asbestos in Soil and Associated Materials. This employed phase contrast microscopy.

RESULTS

Sample No.	Asbestos fibres observed	Asbestos Type	Weight of asbestos fibres in sample / g
1	No	NA	NA
Total weight of asbestos from stages 1 and 2 in sample / g			0.0024
Percentage of asbestos from stages 1, 2 and 3 in sample / %			0.0004

NOTES:

- Weights and % are expressed on a dry weight basis, with stones, building materials >10 mm removed
- Comments or interpretations are outside the scope of our accreditation
- The results within this report relate to the sample analysed only

Kowalczyk

SIGNATURE:

Ewelina Kowalczyk Pariyar

(On behalf of Envirochem by an authorised signatory)

Print name: E.Pariyar

Page 1 of 1