

Project Reference	Astor College
Site Name	211 Astor College
Client	UCL/Gaifford Try
Run by	Gaifford Try
Date	19/12/2016
	Asbestos has been detected in 5 of 20 soil quantification samples as follows:
	- Sample 1 - 0.0004%
	- Sample 3 - 0.00001%
	- Sample 4 - 0.0004%
Scenario details	The lab has stated visible debris has been located within the sample. Size of the asbestos sample in the soil has not been confirmed. No obvious asbestos material was observed on site, the catalyst was a suspect fibrous remnant on a loose brick.
	A further 16 samples of soil were taken for analysis, with only samples 15 & 16 testing positive with percentages as follows:
	- Sample 15 - 0.000087%
	- Sample 16 - 0.000076%

Decision Support Tool for CAR2012 Work Categories

Stage 1 Hazard Factors	Score
Select ACM type (run model for each type to generate 'Worst Case' output)	3
Extent of degradation of ACMs at outset of work	4
Fraility and degree of bonding by matrix (ACM matrix, not ground materials)	4
Distribution of Visible Asbestos Around Affected Area	3
Amount of asbestos fibre in selected ACM/fibre type as % of host material	0
Sub-total	0
<i>Note: the asbestos licensing regime is unaffected by the type of asbestos fibre present in ACMs</i>	
Hazard ranking	Negligible

Stage 2 Exposure Factors	Score
Anticipated airborne fibre concentration - Control Limit or SALP	1
Anticipated duration of exposure to asbestos	4
Activity type and effect on deterioration of ACMs during work	0
Best description of primary host material matrix (soil/made ground)	4
Respirable fibre index for ACM - RVM report 711701034 (2008)	4
Sub-total	13
Exposure ranking	Medium
Combined hazard and exposure ranking	13 Low

Stage 3 Risk Assessment Outputs	
Probable Licensing Status	CAR do not apply
RPE*	None
Dust Suppression**	None
Hygiene/Decontamination***	None
*Where RPE has to be worn continuously for long periods (e.g. more than 1-hour), then powered RPE may be necessary.	
**Reduction in control measures possible if natural mitigation factors are present (e.g. raining, wet ground)	
***Guide only; suitability of selected personal hygiene measures may be reviewed on a site/contamination-specific basis	

No warranty, expressed or implied, or reliance, is provided in relation to the use of this tool.

It is contingent on users to satisfy themselves that the output from the tool is relevant and appropriate to the assessment being made.