

METHOD STATEMENT

Determinand:
Directional Dust

Matrix:
Sticky Pads

Principle of Method:
The method by which deposits are collected and amounts determined is as follows.
A sticky pad is prepared by marking and cutting out a strip of white sticky backed plastic using a template.
This is then sent out and mounted on a cylinder for a recorded length of time.
When the pad is returned the amount of dust collected on the pad is measured using a smoke stain reflectometer.

Sampling and Sample Preparation:
From a roll of sticky backed plastic mark out directions on white side and outline using template provided (see below) for the required number of pads.
Cut out pads using the guillotine. The pads are then sent out to customers who use them to deposit any potential dust particles. Once complete the stick pads are sent back to the Laboratory for analysis.

Diagram of the appearance of the directional dusts "Sticky pads":

N	E	S	W	
---	---	---	---	--

Interferences:
None known

Performance of Method:
Performance characteristics have not been determined for this method.
The reporting limit for this method is 0.1%/day to 2 significant figures.

References:
There are no references for this method.

