

related test method	EN ISO 11925-2:2000 Ignitability of building products subjected to direct impingement of flame – Single flame source test
subject	Measurement of air velocity in the chimney
reference of original query	TC1 N213 Helpdesk 2002-05

Problem

EN 11925-2 does not state how to measure the air velocity in the chimney.

Recommendation

For measuring the air velocity a hot wire anemometer with an accuracy of $\pm 0,1$ m/s shall be used.

The air velocity shall be measured in the centre axis of the chimney at the height which is given in the standard. Before reading the final value wait till the instrument has stabilised.

After measuring the velocity, the conditions in the test room, during subsequent tests shall be kept constant (e.g. the opening of a closed window can influence the flow of air).

The measurement shall be done at the beginning of each day, unless experiences with the measurement prove a different frequency to be acceptable or needed. If the conditions in the test room are changed, then the measurement shall be repeated.

