

ABSTERGE ACME FILTER INDIA PVT LTD

- **AIRFLOW DIRECTION TEST (SMOKE TEST):**

- **PURPOSE:**

To confirm the airflow direction and its uniformity as per design and performance specification.

- **SCOPE:**

Applicable to all Clean Room, LAFs & Dynamic Pass Box.

- **RESPONSIBILITY:**

Engg. Dept.

- **DEFINITION:-----**

- **PROCEDURE:**

- 1.1 Titanium Tetra Chloride chemical of IR grade should be used for smoke test.
- 1.2 Because of its irritating nature hands of operator and face should be covered properly with gloves and facemask.
- 1.3 For results recording provision of video shooting should be made.
- 1.4 Put ON the AHU of the area for which smoke test is to be done.
- 1.5 Dip the glass rod in the chemical and hold it perpendicular to direction of the airflow.
- 1.6 Intense smoke will be generated showing the airflow direction. Take the video shooting from upside down towards the return filter.
- 1.7 Preserve it as smoke test result records.
- 1.8 Show the results to Engg. Dept . & Q.A. Dept. & concerned dept.

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