



Intertek Order Number: 3075345/001

Date: April 15, 2005

REPORT NUMBER: 3075345-001

**TEST OF SIX
PANEL FILTERS**

RENDERED TO:

**PERMATRON CORPORATION
1180 PRATT AVENUE
ELK GROVE VILLAGE, IL 60007**

General

This report covers testing of (6) panel filters, performed according to client specifications, based on ASHRAE Standard 52.1-1992 entitled "Gravimetric and Dust-Spot Procedures for Testing Air-Cleaning Devices Used in General Ventilation for Removing Particulate Matter".

Testing was authorized by purchase order 2117.

Identification of Test Specimen

The filters tested were designated as models RH, FFA 1, MMA 1, MMA 2, MME 1, and MME 2 panel filters. A complete description is included in the data section on page four of this report.

The test specimens were received on April 14, 2005 in new condition at the Intertek Cortland laboratory. The specimens were tested April 15, 2005.

Method of Test

Tests were conducted as specified by the client, based on ASHRAE Standard 52.1-1992. The test program consisted of measurement of initial resistance versus air-flow rate (Section 9).

Remarks

In the absence of specified requirements, no conclusion has been drawn. The test results are furnished for the client's information and evaluation.

Results

Pressure drop results are shown in Appendix A of this report.

Report Approved By:

Teresa M Peck, CAFS
Technical Team Leader

An independent organization testing for safety, performance, and certification.

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Model **RH**
Media Type **Bonded Aluminum**
Media Area **3.80sq.ft.**

Resistance vs. Airflow

| | | | | | |
|--------------|------|------|------|------|------|
| Airflow, cfm | 600 | 900 | 1200 | 1500 | 2000 |
| dP, in.w.g. | 0.02 | 0.04 | 0.06 | 0.08 | 0.12 |

