



**PAINT ARRESTANCE FILTER TEST REPORT**

**Tested as compliant in accordance with parameters set forth in NESHAP SUBPART HHHHHH**

Spray Removal Efficiency & Paint Holding Capacity

Tested for: **Air Filtration Co., Inc.**  
 Filter Mfr.: **AAF International**  
 Filter Name: **15 Gr Paint Arrestor (PA/GA Series)**  
 Report#./Test#: **R 660 T 760**  
 Report Date: **March 16, 2005**

**Test Information**

**FILTER DESCRIPTION:**

White/Green highloft fiberglass

**PAINT DESCRIPTION:**

High Solids Baking Enamel (S.W. #1 Permaclad 2400, red)

**PAINT SPRAY METHOD:**

Conventional Air Gun at 40 PSI

**SPRAY FEED RATE:**

**137 gr./min. 130 cc./min.**

**AIR VELOCITY:**

**150 FPM**

**Test Results**

**INITIAL PRESSURE DROP of Clean Test Filter**

**0.02 in. water**

**FINAL PRESSURE DROP of Loaded Test Filter**

**0.14 in. water**

**WEIGHT GAIN on TEST FILTER & Test Frame Trough**

**3925 grams**

**PAINT HOLDING CAPACITY of TEST FILTER**

**1073 grams = 2.4 lbs.**

**PAINT RUN-OFF**

**2852 grams**

**WEIGHT GAIN on FINAL FILTER**

**47.1 grams = PENETRATION**

**AVERAGE REMOVAL EFFICIENCY of TEST FILTER**

**98.81 %**

Test Engineer: Todd Kruger

Supervising Engineer: K. C. Kwok, Ph.D.

