

PAINT ARRESTANCE FILTER TEST REPORT
 Spray Removal Efficiency & Paint Holding Capacity

Tested for: **Air Flow Technology Inc.**
 Filter Mfr.: **Air Flow Technology Inc.**
 Filter Name: **Paint Pockets™-White**
 Report#./Test#: **R 894 T 994**
 Report Date: **May 18, 2009**

Test Information

FILTER DESCRIPTION:

White on white waffle from poly

PAINT DESCRIPTION:

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

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

138 gr./min. **130** cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.07 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.20 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

3520 grams

PAINT HOLDING CAPACITY of TEST FILTER

2845 grams = **6.3** lbs.

PAINT RUN-OFF

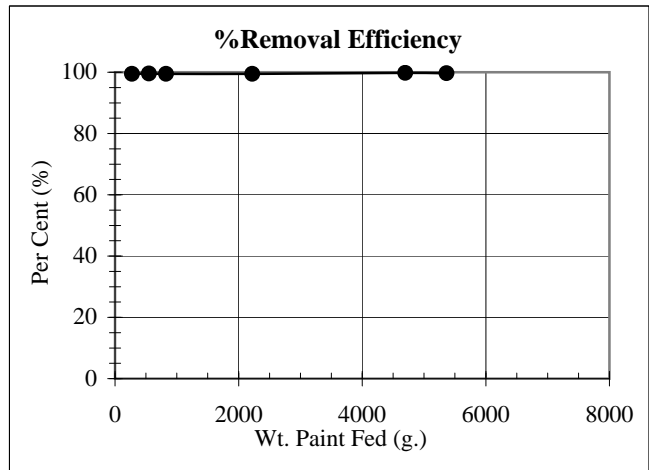
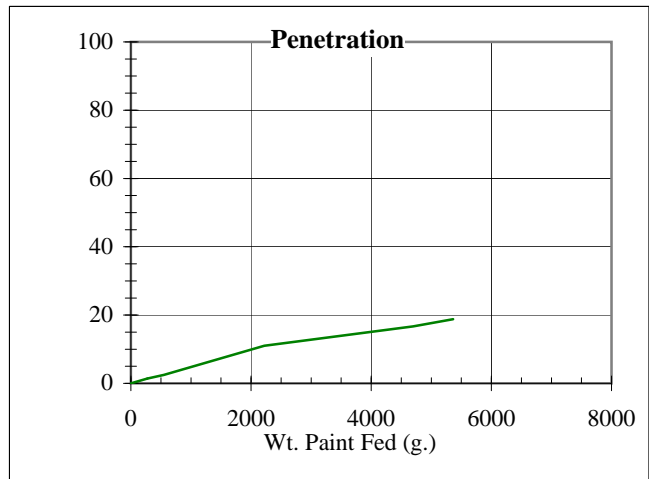
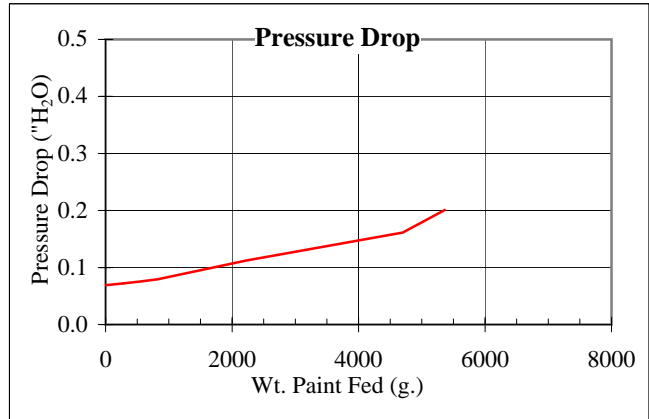
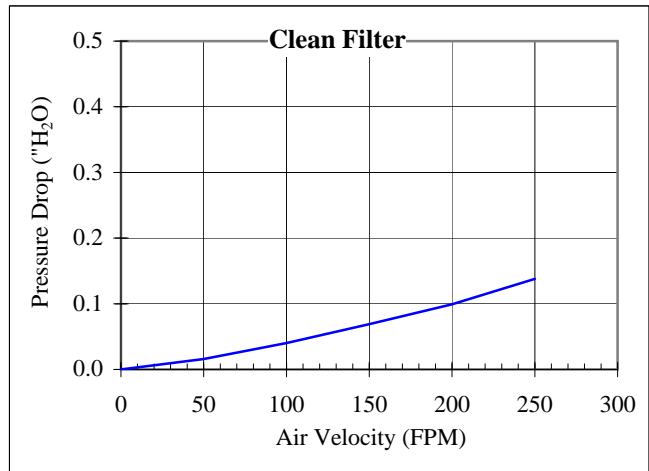
675 grams

WEIGHT GAIN on FINAL FILTER

18.8 grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.47 %



COMPLIANT WITH 40 CFR PART 63 NESHAP

Test Engineer: Todd Kruger

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