

Viskon-Aire*

Air Filter Products

PAINT ARRESTANCE FILTER TEST REPORT

Spray Removal Efficiency & Paint Holding Capacity

BASED ON 40 CFR PART 63 (HHHHH) NATIONAL EMISSION STANDARD

Tested for: Viskon-Aire Corp.
Filter Mfr.: AAF International
Filter Name: 15 Gram Fiberglass Paint Arrestor (SG-15)
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

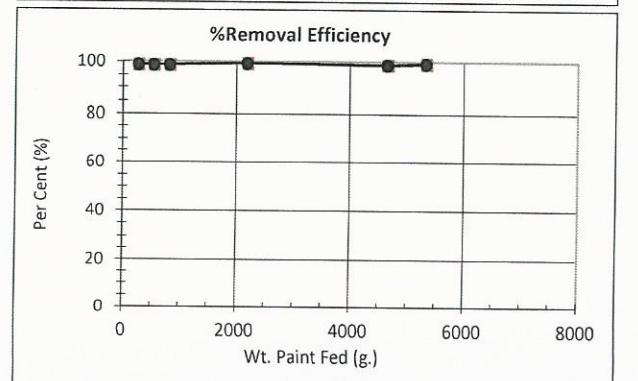
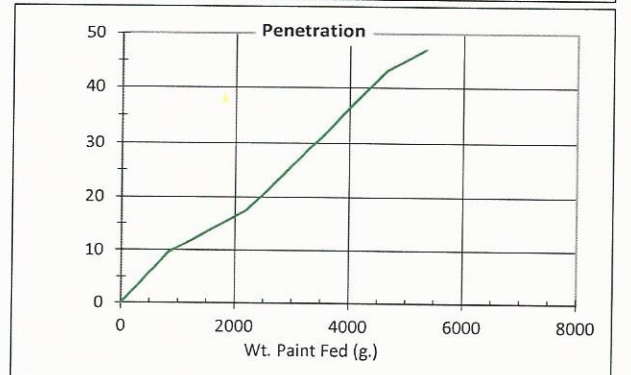
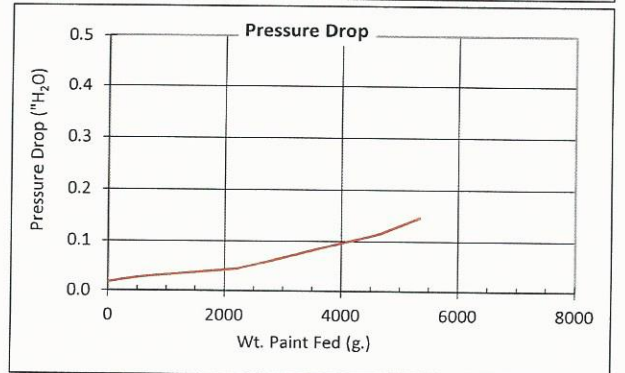
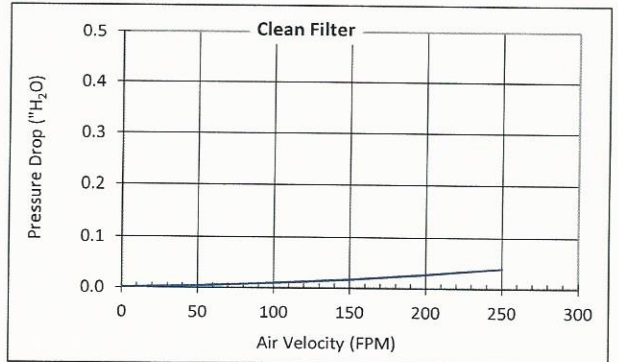
2852 grams

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.