

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

Filter Mfr.: **AAF International**
Filter Name: **22 Grams Paint Arrestor**
Report#./Test# **R 661 T 761**
Report Date: **March 16, 2005**

Test Information

FILTER DESCRIPTION:

White/Yellow 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

0.11 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

4038 grams

PAINT HOLDING CAPACITY of TEST FILTER

1173 grams = **2.6** lbs.

PAINT RUN-OFF

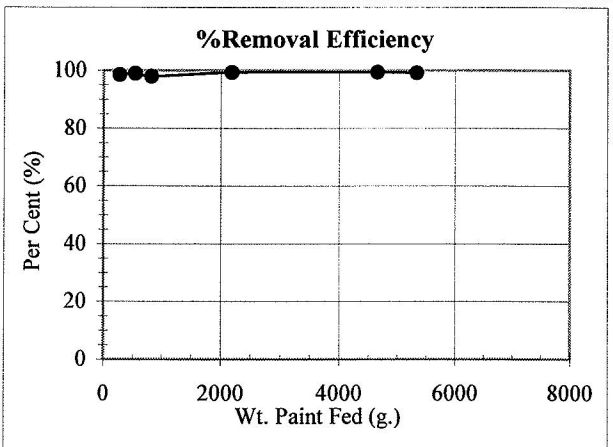
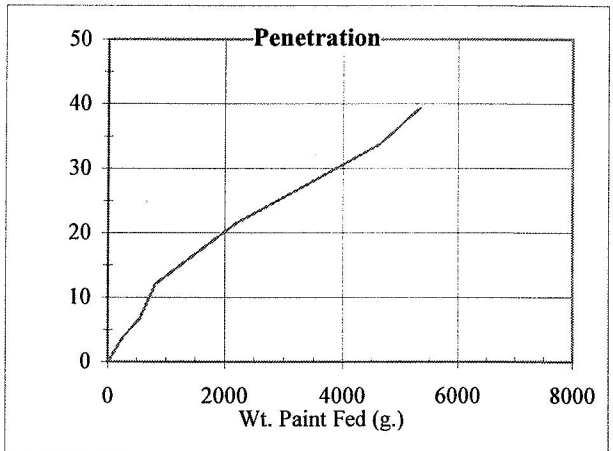
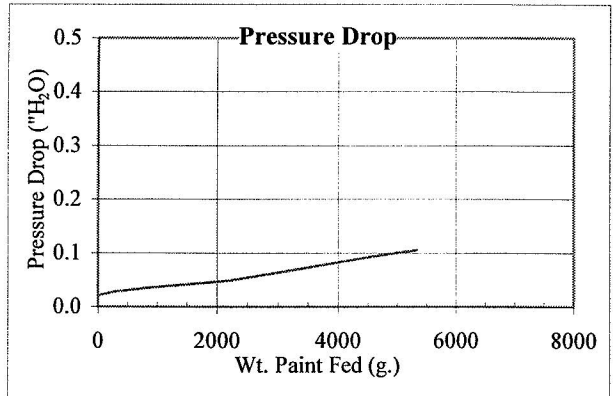
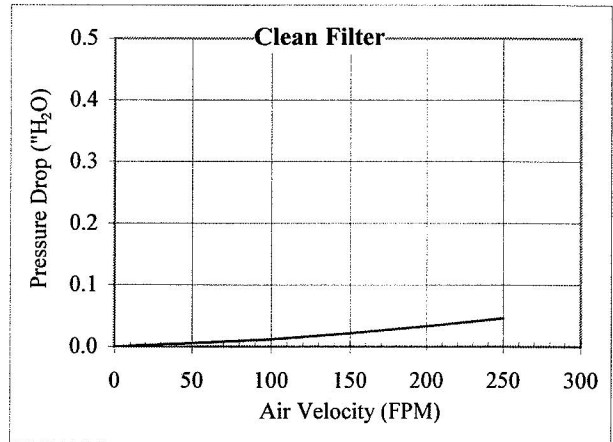
2865 grams

WEIGHT GAIN on FINAL FILTER

39.4 grams = **PENETRATION**

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

99.03 %



Test Engineer: Todd Kruger
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