

PAINT ARRESTANCE FILTER TEST REPORT
 Spray Removal Efficiency & Paint Holding Capacity
 BASED ON 40 CFR PART 63 NATIONAL EMISSION STANDARD

Filter Name: **SCRIM**
 Report#./Test# **R759 T 859**
 Report Date: **August 30, 2009**

Test Information

FILTER DESCRIPTION:

White on white 3 pockets highloft poly bag (20"x20"x15)

PAINT DESCRIPTION:

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

PAINT SPRAY METHOD:

Conventional Air Gun at 40 PSI

SPRAY FEED RATE:

136 gr./min. 130 cc./min.

AIR VELOCITY:

150 FPM

Test Results

INITIAL PRESSURE DROP of Clean Test Filter

0.01 in. water

FINAL PRESSURE DROP of Loaded Test Filter

0.03 in. water

WEIGHT GAIN on TEST FILTER & Test Frame Trough

4093 grams

PAINT HOLDING CAPACITY of TEST FILTER

3717 grams = 8.2 lbs.

PAINT RUN-OFF

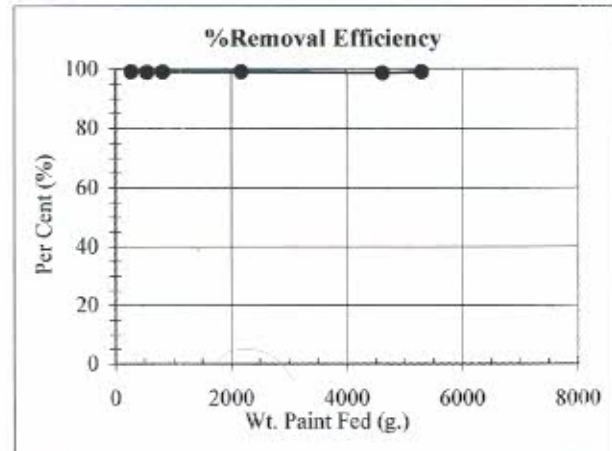
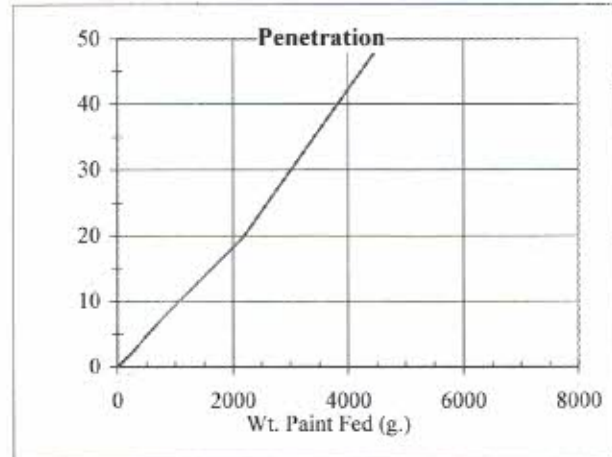
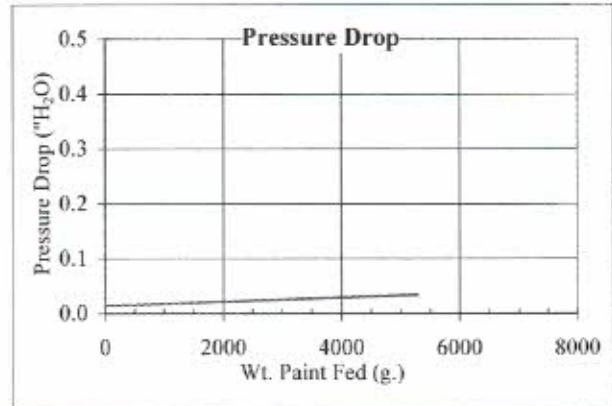
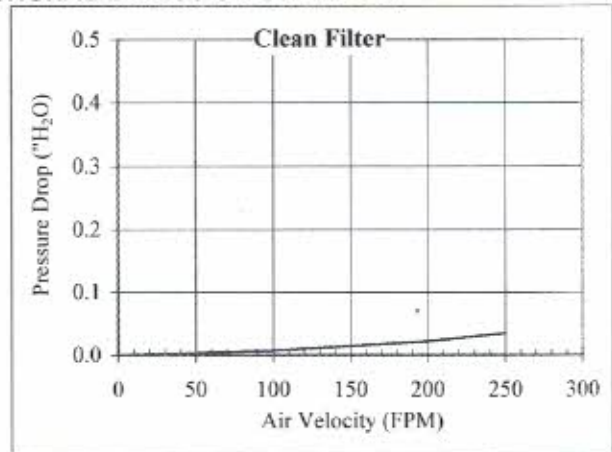
376 grams

WEIGHT GAIN on FINAL FILTER

56 grams = PENETRATION

AVERAGE REMOVAL EFFICIENCY of TEST FILTER

98.65 %



Test Engineer: Todd Kruger

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